

Canon

SPRING/SUMMER 2010

DIGITAL CAMERA FULL LINE PRODUCT GUIDE



EOS

EOS
PowerShot



REBEL



SX



G

DIGITAL
ELPH



A

It's All in Your Control
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EOS-1D^s Mark III

The Flagship EOS.

- Superb image quality: 21.1 Megapixel Full-Frame Canon CMOS Sensor, 14-bit A/D conversions for outstanding color tones, and Highlight Tone Priority.
- Dual “DIGIC III” Image Processors for excellent image quality and processing speed.
- Live View Function capabilities, displayed on the large 3.0-inch LCD monitor.
- Outstanding durability thanks to a shutter durability-tested to 300,000 cycles, dust- and water-resistant design, and EOS Integrated Cleaning System.
- Excellent shooting performance: up to 5 fps, burst rate up to 12 consecutive RAW images or 56 full-resolution JPEGs, and compatible with newest UDMA high-speed CF cards.
- Fast and precise AF system with 19 high-precision, cross-type AF points with f/2.8 or faster lenses and 26 additional “Assist Points.”



EOS Digital SLR Lineup

EOS-1D Mark IV

The Next Chapter of EOS.

- New 45-point Area AF sensor including 39 cross-type AF points with f/2.8 support plus new AI Servo II AF with improved tracking algorithm.
- ISO 100 – 12800 (expandable to L: 50, H1: 25600, H2: 51200, H3: 102400) for shooting from bright to dim light with low noise levels.
- EOS HD movie with manual exposure control and multiple frame rates (1080: 30p (29.97) / 24p (23.976) / 25p, 720: 60p (59.94) / 50p, 480: 60p (59.94) / 50p).
- 16.1 Megapixel APS-H CMOS sensor and Dual DIGIC 4 Image Processors for high image quality and speed.
- 10.0 fps continuous shooting up to 121 Large JPEGs or 28 RAW using a UDMA CF card.
- 3.0-inch Clear View II LCD monitor, 160° viewing angle, 920,000-dot VGA, reflection resistance with multi coating and high-transparency materials for bright and clear viewing.



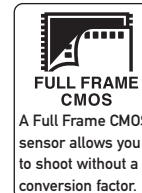
EOS SLR



EOS 5D Mark II

High Performance for High Expectations.

- 21.1 Megapixel Full-Frame CMOS sensor, 14-bit A/D conversion, wide range ISO setting 100–6400 (expandable L: 50, H1: 12800 and H2: 25600).
- Full HD Video capture at 1920 x 1080 resolution for up to 4GB per clip with HDMI output for HD viewing of stills and video.
- DIGIC 4 Image Processor for faster processing of fine detail and color reproduction as well as reduced image noise.
- High performance with 3.9 fps continuous shooting, shutter with a durability of 150,000 cycles and improved weather resistant body.
- Live View Function for still (Quick, Live and Face Detection AF modes) and video.
- 3.0-inch Clear View LCD (920,000 dots/VGA) monitor with anti-reflective and scratch resistant coatings for improved viewing and smudge protection.
- EOS Integrated Cleaning System specifically designed to work with a full-frame sensor.



EOS 7D

Beyond the Still.

- 18.0 Megapixel CMOS sensor and Dual DIGIC 4 Image Processor for high image quality and speed.
- ISO 100–6400 (expandable to 12800) for shooting from bright to dim light.
- 8.0 fps continuous shooting up to 126 Large/JPEGs with UDMA CF card and 15 RAW.
- Advanced movie mode with manual exposure control and selectable frame rates: 1920 x 1080 (Full HD): 30p (29.97) / 24p (23.976) / 25p, 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 60p (59.94) / 50p.
- Intelligent Viewfinder with approximately 100% field of view, wide viewing angle of 29.4°, high magnification of 1.0x, Intelligent Viewfinder with glass pentaprism and superimposed LCD display in viewfinder supports various shooting styles.
- New all cross-type 19-point AF system equipped with dual diagonal cross-type sensors in center at f/2.8 and f/5.6 and AF area selections modes to match various shooting situations.



EOS HD VIDEO

Beyond the Still.

With 1920 x 1080 resolution, Canon EOS Full HD video uses powerful CMOS sensors and DIGIC Image Processors to give your video standout image quality. Expand your creative ability with EF and EF-S lenses. For Full HD demos and products, visit:

usa.canon.com/fullhd

EOS
REBEL T2i

NEW



EOS SLR

The Evolution Continues.

- 18.0 Megapixel CMOS (APS-C) sensor and DIGIC 4 Image Processor for high image quality and speed.
- ISO 100–6400 (expandable to 12800) for shooting from bright to dim light.
- Improved EOS Movie mode with manual exposure control, expanded recording (1920 x 1080 (Full HD): 30p (29.97) / 24p (23.976) / 25p, 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 60p (59.94) / 50p), new Movie Crop recording in 640 x 480 and external microphone IN terminal for access to improved sound quality.
- Enhanced 63-zone, Dual-layer metering system; and 9-point AF system utilizing a high-precision, f/2.8 cross-type center point.
- Wide 3.0-inch (3:2 aspect ratio) Clear View LCD monitor (1.04 million dots) for improved viewing.
- New Quick Control Screen button for easy access to frequently used settings.
- Improved layout with dedicated Live View/Movie shooting button.

EOS
REBEL T1i

The Journey Continues.

- 15.1 Megapixel CMOS sensor with DIGIC 4 Image Processor for faster processing of fine detail and natural color reproduction, 14-bit A/D conversion for smooth color tones and gradations.
- Full HD video capture at 1920 x 1080 resolution with HDMI output for HD viewing of stills and video.
- Live View Function for stills (Quick, Live and Face Detection AF modes) and video.
- 3.0-inch Clear View LCD (920,000 dots/VGA) monitor with anti-reflective and scratch-resistant coatings for improved viewing and smudge protection.
- Auto Lighting Optimizer for superb highlight-shadow control.
- Wide range ISO setting 100–3200 (ISO expansion: 6400, 12800).
- Creative Auto goes a step beyond auto allowing control over frequently-changed settings.



EOS 50D

Explore Photography.

- 15.1 Megapixel CMOS sensor and 14-bit conversion for smooth color tones and gradations.
- **DiGiC 4** Image Processor for faster processing, 6.3 fps up to 90 JPEGs using UDMA CF cards; 60 consecutive JPEGs or 16 RAW using standard CF cards.
- 3.0-inch Clear View LCD (920,000 dots/VGA) with multiple coatings for improved viewing and smudge-resistant protection.
- Enhanced Live View shooting includes Face Detection Live mode.
- AF system with 9 cross-type high-precision sensors and diagonal center cross-type AF point with f/2.8 and faster lenses.
- EOS Integrated Cleaning System with a fluorine coating for better dust resistance.
- HDMI (High Definition Multimedia Interface) output for displaying images on High Definition TV.



EOS REBEL XS

Power Made Simple.

- 10.1 Megapixel CMOS sensor and noise reduction technology.
- 2.5-inch LCD monitor with Live View Function.
- 3.0 fps continuous shooting and burst rate up to 514 Large JPEGs.
- **DiGiC III** Image Processor, Auto Lighting Optimizer for superb highlight-shadow control.
- Compatible with SD and SDHC memory cards.
- High-speed, wide-area 7-point AF with center cross-type sensors.
- Picture Style for in-camera color, contrast and sharpness control.
- EOS Integrated Cleaning System



Unleash Your Creativity with EOS SLR Cameras.

DiGiC 4 Image Processor

Developed to maximize performance between the capturing and recording stages of digital photography, Canon's DiGiC Image Processor chips use advanced signal-processing techniques to dramatically enhance image quality and deliver a more intuitive, responsive camera. The latest-generation DiGiC Image Processors work in concert with Canon's CMOS sensors to achieve even higher levels of performance. Signal processing algorithms work with the multichannel signal from the sensor and the high-speed DDR-SDRAM buffer to deliver significantly improved camera response. Power consumption has been further reduced for even longer battery life.

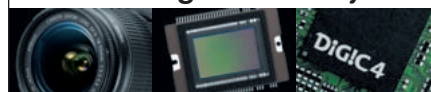


CMOS Sensor

Taking advantage of its own proprietary technologies, Canon develops and produces its own

CMOS sensors. They fulfill the primary functions of an imaging sensor – sensitive, accurate, low noise capture of image data – with electrifying performance. Unlike CCD sensors, CMOS sensors convert and amplify signals before they are transferred to the image processor, enabling them to produce exceptionally clean image data and reduce power consumption by as much as 90%. Developed in three sizes (Full-Frame, APS-H and APS-C), they incorporate the latest in CMOS engineering advances, significantly reducing digital noise and expanding the useful ISO range.

Canon Digital Trinity



Canon's CMOS sensor captures images with exceptional clarity and tonal range. Canon's DiGiC Image Processor dramatically enhances image quality and speeds up all camera operations for intuitive operation. The sensor and processor work in concert with Canon's superlative EF and EF-S lenses, forming the ultimate Digital Trinity.



EF Lenses

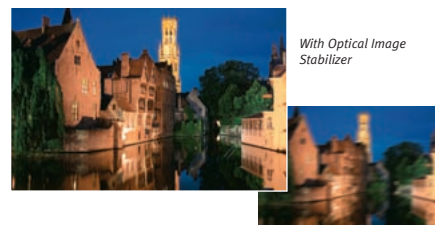
With nearly 60 EF lenses, the EOS System boasts one of the world's most comprehensive selection of autofocus lenses. All EF lenses feature Canon's advanced optical technology, offering quality, breadth and scope to photographers everywhere. L-Series lenses have a reputation in the professional photography world for remarkable performance. Their lens construction typically includes UD (Ultra-low Dispersion) glass, fluorite or aspherical elements coated with Super Spectra Coating for incredible clarity and brilliant colors. EF-S lenses were developed for EOS SLRs with APS-C size sensors. Lightweight and compact, these lenses take advantage of the sensor's size to deliver optimized performance without compromising image quality. Specialty lenses are also available such as macro, fisheye and tilt-shift lenses.



Optical Image Stabilizer

To help prevent blurred images when shooting in

low light or at slow shutter speeds, many EF lenses are equipped with Optical Image Stabilizer technology that corrects camera shake by shifting a lens group to realign the image on the imaging sensor or film. Other systems are limited by how far they can move an image sensor, and as a result, their stabilization is less effective when



telephoto lengths get longer. Also, with Optical Image Stabilizer you can see it working right in the viewfinder – impossible with some other stabilizer systems.



Full HD Video

The EOS-1D Mark IV, 7D, 5D Mark II, Rebel T2i and Rebel T1i offer recording of Full HD 1080p video in Live View Mode. And the advantages move way beyond the ability to shoot on your SLR—the wealth of high-speed lenses and shooting accessories that make EOS photography so remarkable can also be used in shooting video. To see the HD video and photos on your HDTV directly from the camera, simply connect the camera and TV with a mini-HDMI cable.

EOS

Integrated Cleaning System

EOS Integrated Cleaning System

Using ultrasonic vibrations

to remove dust, the Self Cleaning Sensor Unit combats stray dust that can enter the camera when changing a lens or when out in the field. In addition, any dust missed by the cleaner can be removed by Canon's Dust Delete Data Detection software. This combination of hardware and software technologies ensure a dust-free image.



EOS System Accessories

The EOS System is amazing in its comprehensive array of accessories, ranging from battery grips to focusing screens to remote controls, that enhance power, customization and versatility. Also, EOS cameras and EX-series Speedlites work in tandem to deliver great exposures and automatically balanced fill-in-flash.



PowerShot G11

10.0
MEGA
PIXELS

5x
OPTICAL
ZOOM

2.8" LCD
VARI-ANGLE
LCD



The G Series Comes Full Circle.

- New 10.0 Megapixel sensor coupled with the DIGIC 4 Image Processor designed as the Canon HS SYSTEM for improved low light performance.
- Full range of shooting and recording modes including RAW + JPEG.
- 2.8-inch Vari-Angle LCD with 461,000 dots plus an optical viewfinder.
- A 5x Optical Zoom with Optical Image Stabilizer plus 28mm Wide-Angle Lens, DIGIC 4 Image Processor improves overall camera performance.

Canon's G Series is legendary among advanced amateurs, and this latest successor raises the bar even further. It combines the return of great features, HDMI output, plus loads of creative latitude and compatibility with Speedlites, an underwater housing and a Tele-Converter Lens.



Speedlite 580EX II

Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot G11 Body
• Lithium Battery Pack NB-7L** • Battery Charger CB-2LZ**
• Neck Strap NS-DC9 • Digital Camera Solution CD-ROM
• USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



† Number shown is 35mm equivalent. When using the converter lenses, we recommend using the LCD screen to preview composition and refraining from the use of the built-in flash to avoid harsh shadows in the resulting photos.
* Available as optional accessory. ** Also available as optional accessory.



Cutting Edge Meets Classic Feel.

- New 10.0 Megapixel sensor coupled with the **DiGIC 4** Image Processor designed as the Canon HS SYSTEM for improved low light performance.
- A bright f/2.0 lens, for shooting portrait photography and for low-light situations.
- A control ring for manual and other creative settings.
- A 3.8x Optical Zoom with Optical Image Stabilizer and a 28mm Wide-Angle Lens gets you close.

Compact and pocket-sized, the new PowerShot S90 heralds the return of Canon's lauded S-Series. The 3.0-inch LCD screen makes shooting and playback easy, and the 10.0 Megapixel sensor and wide-angle, high performance lens produce breathtaking images.



Control Ring

Supplied Accessories

- PowerShot S90 Body • Lithium Battery Pack NB-6L • Battery Charger CB-2LY • Wrist Strap WS-DC9 • Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



Basic Features and Functions



Shooting Modes



Zoom into HD Movies.

- A 20x Wide-Angle Optical Zoom with Optical Image Stabilizer reduces camera shake for magnificent images from up close or far away.
- Shoot superb HD movies for those fun moments in life.
- Smart AUTO analyzes faces, brightness, colors, distance and movement, then selects an appropriate setting for the scene.
- Large 2.5-inch Wide Vari-Angle LCD for easy viewing.

Now you've got the power to create stunning HD movies in vivid, true-to-life detail. The PowerShot SX20 IS is equipped with a 20x Wide-Angle Optical Zoom, 12.1 Megapixel, enhanced shooting features and more. It's everything you need to grow creatively.



Vari-Angle LCD Screen

Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SX20 IS Body

- AA-size Alkaline Battery (x4) • Neck Strap NS-DC4 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • Stereo Video Cable STV-250N** • Lens Cap • Lens Hood LH-DC50



* Available as optional accessory.
** Also available as optional accessory.

PowerShot SX210 IS

14.1 MEGA PIXELS
14x OPTICAL ZOOM
3.0" WIDE LCD

PowerShot SX120 IS

10.0 MEGA PIXELS
10x OPTICAL ZOOM
3.0" LCD

NEW

Gold

Purple

Black



Big Zoom on the Go.

- 14.1 Megapixel resolution, powerful 14x Optical Zoom with Optical Image Stabilizer and 28mm Wide-Angle Lens to capture more in your frame.
- Improved Dynamic mode for enhanced Image Stabilization when shooting movies using the wide-angle setting.
- Large 3.0-inch wide PureColor System LCD with high resolution and wide viewing angle.
- HD movie capability with stereo sound plus HDMI output for easy playback of video and photos.

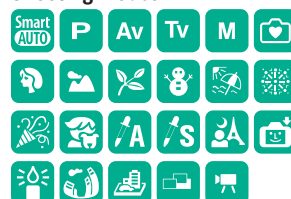
A slim, stylish powerhouse that captures everything from landscapes to kids in motion. The versatility continues with Low Light mode and HD video with stereo sound. On vacation or on the go, you'll want the PowerShot SX210 IS on board.



Basic Features and Functions



Shooting Modes



Supplied Accessories

- PowerShot SX210 IS Body
- Lithium-ion Battery Pack NB-5L**
- Battery Charger CB-2LX**
- Wrist Strap WS-DC9
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU**
- AV Cable AVC-DC400ST**



†† SDXC Logo is a Trademark of SD-3C, LLC.



Outstanding Performance and Value.

- Smart AUTO analyzes faces, brightness, colors, distance and movement, then selects an appropriate setting for the scene.
- Easy mode determines the right shooting mode for the situation.
- A 10x Optical Zoom with Optical Image Stabilizer ensures clear images whether you are up close or further away.
- Large, wide 3.0-inch LCD enables easy viewing.

You'll feel a rush of confidence every time you pick up the amazing PowerShot SX120 IS. Designed to make everything easy, the camera's got a high-powered 10x Optical Zoom and easy-to-use features that make crystal clear, razor sharp images stress-free.

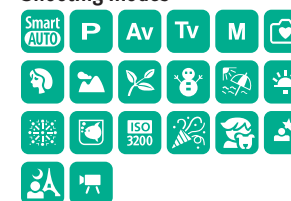


10x Optical Zoom

Basic Features and Functions



Shooting Modes



Supplied Accessories

- PowerShot SX120 IS Body
- AA-size Alkaline Battery (x2)
- SD Memory Card SDC-128MB**
- Wrist Strap WS-800
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU**
- AV Cable AVC-DC400**



** Also available as optional accessory.

PowerShot D10

12.1
MEGA
PIXELS

3x
OPTICAL
ZOOM

2.5" LCD

PowerShot SD4000 IS DIGITAL ELPH

10.0
MEGA
PIXELS

3.8x
OPTICAL
ZOOM

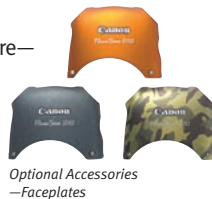
3.0" WIDE LCD



Prepare for Adventure.

- Waterproof to 33 feet digital camera, freeze proof from 14–104°F and shock proof to 4 feet.†
- Selection of unique optional accessories available such as customized straps, cool faceplates and a carabiner hook.
- Smart AUTO selects the proper settings for the camera based on 18 predefined shooting situations.
- 12.1 Megapixel for amazing resolution and editing, plus 3x Optical Zoom lens with Optical Image Stabilizer.

Canon engineered this remarkable camera to go anywhere there's adventure—underwater, atop mountains, into freezing temperatures, over rough terrain and more.



Optional Accessories
—Faceplates

Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot D10 Body • Lithium-ion Battery Pack NB-6L* • Battery Charger CB-2LY** • Wrist Strap WS-DC8** • Strap Mount • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



† Based on Canon Standard.



In a Class of Its Own.

- New 10.0 Megapixel CMOS sensor and DIGIC 4 Image Processor (the Canon HS SYSTEM) improve low light performance for better image quality.
- A bright f/2.0 lens, for shooting portrait photography and for low-light situations.
- 720p HD movie capability plus an HDMI connector for HDTV playback of videos and photos.
- Shoot slow motion video with the Super Slow Motion Movie function or capture fast action shots with the High-Speed Burst mode.

Equipped with the Canon HS SYSTEM, this camera can take crisp and beautiful photos in unforgiving lighting environments. Take your creative freedom everywhere—capture fast-action shots or even record in slow motion!



Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SD4000 IS Digital ELPH Body • Lithium-ion Battery Pack NB-6L** • Battery Charger CB-2LY** • Wrist Strap WS-DC7 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400ST**



** Also available as optional accessory.
†† SDXC Logo is a Trademark of SD-3C, LLC.

PowerShot SD3500 IS

DIGITAL ELPH

14.1
MEGA
PIXELS

5x
OPTICAL
ZOOM

3.5" WIDE LCD
TOUCH
PANEL LCD



Touch of Brilliance.

- Next-generation huge 3.5-inch wide PureColor System LCD with Touch Panel Technology.
- A 24mm ultra Wide-Angle Lens with 5x Optical Zoom and Optical Image Stabilizer.
- 720p HD movie capability plus an HDMI connector for HDTV playback of videos and photos.
- New Smart Shutter technology automatically takes a picture when the subject smiles or winks.

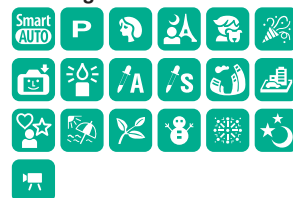
Simply point your finger on the brilliant 3.5-inch wide LCD screen, and the versatile excellence of SD3500 IS Digital ELPH is at your command. Naturally, a camera this smart and intuitive knows a few things about style.



Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SD3500 IS Digital ELPH Body • Lithium-ion Battery Pack NB-6L** • Battery Charger CB-2LY** • Wrist Strap WS-DC10 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



PowerShot SD980 IS

DIGITAL ELPH

12.1
MEGA
PIXELS

5x
OPTICAL
ZOOM

3.0" WIDE LCD
TOUCH
PANEL LCD



Canon's Got the Touch.

- Large 3.0-inch wide touch panel LCD with a cool, cutting-edge interface.
- 720p HD movie capability plus an HDMI connector for HDTV playback.
- A 5x Optical Zoom with an ultra wide 24mm lens, plus Optical Image Stabilizer.
- Improved Smart AUTO intelligently selects the proper settings.

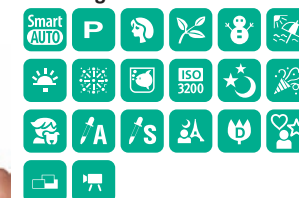
The PowerShot SD980 IS Digital ELPH camera is all about versatility, from the 3.0-inch wide touch panel LCD to the broad scope of its 24mm Wide-angle Lens and the up-close-and-personal rewards of its precision 5x Optical Zoom. Slim and sleek, its focus is on the power of expression, boundless and beautiful.



Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SD980 IS Digital ELPH Body • Lithium-ion Battery Pack NB-6L** • Battery Charger CB-2LY** • Wrist Strap WS-DC10 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



* Available as optional accessory.
** Also available as optional accessory.
†† SDXC Logo is a Trademark of SD-3C, LLC.

PowerShot SD1400 IS

DIGITAL ELPH

14.1 MEGA PIXELS
4x OPTICAL ZOOM
2.7" LCD



Sleek Impressions.

- A 4x Wide-Angle Optical Zoom, Optical Image Stabilizer and 2.7-inch PureColor System LCD.
- Bring out the fashionista in yourself with this sleek, slim, sophisticated camera in bold, beautiful colors.
- 720p HD movie capability plus an HDMI connector for HDTV playback of videos and photos.
- Be creative with new scene modes such as Miniature Effect and Fisheye Effect.
- New Smart Shutter technology automatically takes a picture when the subject smiles or winks.

First glance says it all: nothing moves you like the impact of sleek sculpture, especially when it's drenched in the purest, ripest colors. Capture with confidence with 14.1 Megapixel resolution and keep on movin' with the great HD movie feature.

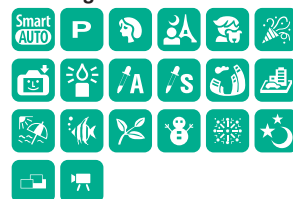


Fisheye Effect

Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SD1400 IS Digital ELPH Body • Lithium-ion Battery Pack NB-4L** • Battery Charger CB-2LV** • Wrist Strap WS-DC7 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



PowerShot SD940 IS

DIGITAL ELPH

12.1 MEGA PIXELS
4x OPTICAL ZOOM
2.7" LCD



Your Favorite New Fashion Accessory.

- A sleek, polished camera in timeless metallic colors: Blue, Black, Silver and Brown.
- Compact yet feature rich with 12.1 Megapixels, a 28mm Wide-Angle Lens with 4x Optical Zoom and Canon's Optical Image Stabilizer.
- 2.7-inch PureColor System LCD with wide viewing angle, 720p HD movie capability, HDMI output for HDTV playback.
- Improved Smart AUTO Mode intelligently selects the proper settings.

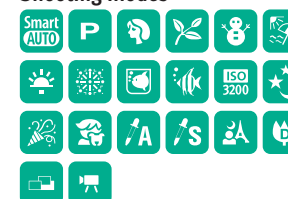
The PowerShot SD940 IS Digital ELPH camera is Canon's newest commitment to style and performance. Stay sharp with 2.7-inch PureColor System LCD screen and Optical Image Stabilizer. And keep on movin' with the great HD movie feature.



Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot SD940 IS Digital ELPH Body • Lithium-ion Battery Pack NB-4L** • Battery Charger CB-2LV** • Wrist Strap WS-DC7 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**



* Available as optional accessory.
** Also available as optional accessory.
†† SDXC Logo is a Trademark of SD-3C, LLC.

PowerShot SD1300 IS

DIGITAL ELPH

12.1
MEGA
PIXELS

4x
OPTICAL
ZOOM

2.7" LCD

PowerShot A3100 IS

PowerShot A3000 IS

12.1/10.0
MEGA
PIXELS

4x
OPTICAL
ZOOM

2.7" LCD



DIGIC 4 OPTICAL IMAGE STABILIZER UA Lens 28mm WIDE PureColor SYSTEM LCD

Layers of Beauty.

- 12.1 Megapixels with a 28mm Wide-Angle Lens, 4x Optical Zoom and Optical Image Stabilizer.
- Smart AUTO intelligently selects the proper settings for the camera based on 18 predefined shooting situations.
- Bright, clear 2.7-inch PureColor System LCD for taking and reviewing pictures.
- Cool, crisp colors to match any personality.
- Low Light mode for improved shooting in dimly-lit situations.

Sleek, gentle curves that merge art and technology into a camera designed to inspire. With bold innovations that include remarkable Low Light performance, a 4x Wide-Angle Optical Zoom lens and intelligent Smart AUTO mode for photo capture made easy.



Low Light



Supplied Accessories • PowerShot SD1300 IS Digital ELPH Body • Lithium-ion Battery Pack NB-6L** • Battery Charger CB-2LY** • Wrist Strap WS-DC7 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**

Basic Features and Functions



Shooting Modes



DIGIC III OPTICAL IMAGE STABILIZER

Pure Power and Performance.

- 12.1/10.0 Megapixels, 4x Optical Zoom with Optical Image Stabilizer and 2.7-inch LCD. (A3100 IS/A3000 IS)
- Lithium-ion battery makes the camera lighter and offers an easy alternative to recharge the battery.
- Scene modes such as Super Vivid add bursts of color, and Poster Effect gives a unique artistic look.
- Smart AUTO selects the proper settings for the camera based on 18 predefined shooting situations.
- Low Light mode for improved shooting in dimly-lit situations.

Greater simplicity than you ever imagined. The non-stop features include shooting modes, 4x Optical Zoom, Optical Image Stabilizer and more – all designed to deliver exacting performance with zero hassle.



Super Vivid

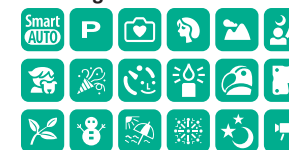


Supplied Accessories • PowerShot A3100 IS/A3000 IS Body • Lithium-ion Battery Pack NB-8L** • Battery Charger CB-2LA** • Wrist Strap WS-800 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC400**

Basic Features and Functions



Shooting Modes



PowerShot A495 PowerShot A490

10.0 MEGA PIXELS
3.3x OPTICAL ZOOM
2.5" LCD



Amp Up the Creativity.

- Easy to use and powerful camera has 10.0 Megapixels and 3.3x Optical Zoom.
- Smart AUTO selects the proper camera settings based on 18/13 predefined shooting situations. (A495/A490)
- Low Light mode for improved shooting in dimly-lit situations.
- A495 comes with Super Vivid for additional bursts of color, and Poster Effect for a unique artistic look.
- Large, clear 2.5-inch LCD makes taking and viewing images a breeze.

Let your imagination run free with the PowerShot A495/A490. Their shooting modes let you shoot where your creative muse takes you. With new Scene Modes, now you can easily explore every artistic angle.



Basic Features and Functions



Shooting Modes



Supplied Accessories • PowerShot A495/A490 Body
• AA-size Alkaline Battery (x2) • Wrist Strap WS-800 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU** • AV Cable AVC-DC300**



POWERSHOT ICON CHART

PowerShot Features

DIGIC 4	DIGIC III	CMOS	iSAAPS	Optical Image Stabilizer
UA Lens	RAW	NR	Digital Tele Converter	VGA 30 fps Movie
HD Movie	16-bit Audio	Stereo Sound	Blink Detection	Motion Detection
Face Detection Self-timer	Face Detection	Red-eye Correction	Multi-Point AiAF	FlexiZone AF/AE
MF	Auto Exposure Bracketing	Continuous Shooting AF	Continuous Shooting	My Colors
16:9 Widescreen	Night Display Function	Flash Exposure Compensation	Manually Adjustable Flash	Safety Shift
Safety Zoom	White Balance Selector	ISO	Wide Angle Lens	Intelligent Orientation Sensor
Histogram	Real-Time Histogram	Movie Editing	My Category	Sound Memos
MUTE	Multi-Language Support			

Accessories (Available as optional accessory.)

SPEED LITE	Speedlite	TELE	Tele-Converter	WATER PROOF	Waterproof Case
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Shooting Modes

Smart AUTO	AUTO	Auto	Low Light	Quick
Easy	P	Aperture Priority	Shutter Speed Priority	Manual
Manual	C	Portrait	Landscape	Sports
SCN	Foliage	Snow	Beach	Sunset
Fireworks	Aquarium	Underwater	ISO 3200	Indoor
Kids & Pets	Night Scene	Night Snapshot	Long Shutter	Creative Light Effect
Smart Shutter	Face Detection Self-timer	Fisheye Effect	Miniature Effect	Super Vivid
Poster Effect	Super Macro	Digital Macro	Color Accent	Color Swap
Nostalgic	Stitch Assist	High-Speed Burst	Super Slow Motion Movie	Movie

COMMITTED TO SERVICE & SUPPORT EXCELLENCE



Chesapeake, VA. Home to Canon's Customer Call Center.



Canon has built its reputation as an industry leader in product reliability, service and support. No matter what Canon consumer product you buy, expect a top-rate experience. From our cutting-edge technology to industry-leading response times for service and support, Canon USA strives for complete customer satisfaction in everything we do.

- 100% US-based support operation to assist with the needs of customers ranging from beginner to professional.
- Canon factory-trained technicians to achieve industry-leading response time and quality of repair.
- State-of-the-art technology and facilities to meet Canon's rigorous precision and performance standards.
- Environmentally responsible service operations include our Zero Landfill Product Recycling Policy.



www.usa.canon.com/satisfaction
1-800-OK-CANON

Canon Advantage

The Canon Advantage – Picture Taking to a Higher Standard.



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE
Plug in an HDMI cable
directly from your camera
to an HDTV for fast and easy
playback of HD movies.



Keep Your Memories in PowerShot HD Movie

With 720p HD*, you never have to worry about poor video quality. Record with confidence and then watch your videos directly on your HDTV, so you and your family can remember those great memories in crisp detail.

* Not on all models.



With HS SYSTEM



Without HS SYSTEM

Indoor

Shoot moving subjects even in indoor environments—pictures will come out steady and focused with little noise.

Low Light

Whether using a tripod or just holding the camera yourself, photos will come out sharp and crystal clear in almost any type of lighting environment.



With HS SYSTEM



Without HS SYSTEM

High-Sensitivity Sensor

- More sensitive than previous sensors with the same megapixels
- Low occurrence of noise



DIGIC 4 Image Processor

- Improving noise reduction
- Accelerates processing speed
- Enhancing picture quality



Take Photos with Confidence

The Canon HS SYSTEM* lets you take photos in an even wider range of situations than ever before without sacrificing image quality. The HS SYSTEM is a combination of a high-sensitivity CCD or CMOS sensor with the powerful Canon DIGIC 4 Image Processor, giving you beautiful, sharp photos with minimal noise and natural colors even in low-light.



With Optical Image Stabilizer

A Steady Image Is a Beautiful Image



Without Optical Image Stabilizer



Own a Genuine Canon Lens

Every PowerShot camera has one: a genuine Canon lens. Over 70 years of innovation in Canon optics technology has secured the loyalty of professional photographers worldwide, and inspired generations of remarkable images. A great lens is not only at the heart of every great image, but is absolutely necessary for creating it in the first place.



Canon Optical Image Stabilizer

Handheld photography can often lead to camera shake, making images blurry. Canon's own Optical Image Stabilizer*—a sophisticated system that shifts a lens group—stops camera shake instantly, keeping your images sharp and gorgeous.

* Not on all models.



Face is detected

Movement is detected



Without Smart AUTO

With Smart AUTO, focus and exposure of the subject are continuously adjusted

Ready, Set, Shoot.

Shoot carefree! Smart AUTO* makes getting razor-sharp, bright, colorful images simple in any situation. The camera detects the scene and automatically sets the optimal settings so you never miss a shot.



Shadows on face detected

Dark background is detected

Close subject is detected

Flash Problems Solved

Smart Flash Exposure produces natural, accurately exposed flash shots by using Scene Detection technology to head off typical flash errors, including shadows on faces, under/overexposed subjects and dark backgrounds.

With Smart Flash Exposure, the flash, shutter speed and ISO are intelligently adjusted



Without Smart Flash Exposure

Smart AUTO Optimal Settings Every Time

Smart Auto makes getting the perfect shot in a wide variety of conditions as easy as point and shoot. Sophisticated Scene Detection technology assesses various factors in both the background and the subject to determine optimal camera settings based on a number of predefined shooting situations. Simply frame your shot and shoot; an icon of the selected scene appears in the monitor to let you know the camera is taking care of all the details for you.

Perfection from Any Angle

With technologies reducing glare and reflected light, you can view the LCD monitor diagonally, allowing for perfect photos even if you are at a less-than-perfect vantage point.



High angle

Low angle



With PureColor System LCD

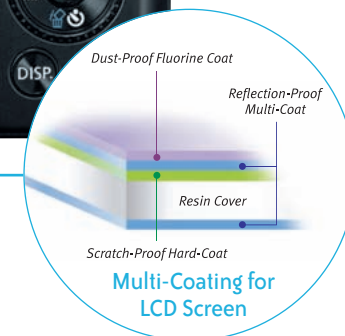
Without PureColor System LCD

PowerShot Technology



Beauty in Durability

Dust repellent, scratch resistant, Canon's durable PureColor System LCD shrugs off scrapes and grit so your vision remains uncompromised.



PureColor
SYSTEM LCD

PureColor System LCD

The PureColor System LCDs* found in Canon cameras feature a greatly improved contrast ratio and reproduce color true to the real thing. Head-on or at shallow or steep viewing angles, reflections are minimized to make capturing the perfect shot easy. Images on the screen come through clear and vibrant so that composing a scene is a snap.



The shutter will release when the main subject smiles

Capture Every Smile

Smile Self-timer captures even unexpected smiles by tracking your subject's face and automatically releasing the shutter up to 10 times as smiles are detected.

Wink When You're Ready

With the shutter button pressed halfway, a wink from the main subject releases the shutter in about 2 seconds.

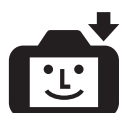


Get in the Frame

Set the Face Detection Self-timer, and when the camera detects that you've joined the frame, the shutter will release.



The shutter will release when the photographer joins the frame



The Shutter That Sees You

Canon's super-intuitive Face Detection technology revs up the fun with Smart Shutter*. Smart Shutter offers easy new ways to make sure you don't miss a shot — of your family, friends, or even yourself.



Without Noise Reduction



With Noise Reduction

No Compromise in Image Quality

DIGIC 4 not only allows higher ISO settings for beautiful images in low light or fast action shots, but also reduces the resulting "noise" to keep image quality at its best.



DIGIC 4 Delivers More

DIGIC 4* is Canon's most advanced image processor ever, and builds on the superb performance of its DIGIC II and DIGIC III predecessors. As the "nerve center" of the camera, DIGIC 4 brings excellence to many areas. Images have brilliant color and smoother gradations, and performance is fast and responsive. DIGIC 4 also empowers some of Canon's newest and most advanced features including Blink Detection, Face Detection, Smart Shutter and Low Light shooting mode for dimly-lit situations with improved noise reduction.

* Not on all models.

Digital Performance

DIGIC DIGIC IMAGE PROCESSOR

Renowned for their superb picture quality, responsive handling, extended battery life and fast processing speed, DIGIC Image Processors have set the standard for functionality and performance since their ground-breaking introduction in 1999. The latest advance in this distinguished series, the DIGIC 4 Image Processor, accelerates processing speed, greatly enhancing picture quality, improving noise reduction, and extending battery life.



iSAPS iSAPS TECHNOLOGY

PowerShot cameras automatically find the optimal settings for Autofocus, Auto Exposure and Auto White Balance systems. How? iSAPS (Intelligent Scene Analysis based on Photographic Space) technology. iSAPS combines advanced prediction algorithms with statistical frequencies for key factors based on Canon's over 70 years of accumulated data. Effortlessly and in any situation, you'll get the sharp focus and proper exposure that turn good images into great ones.

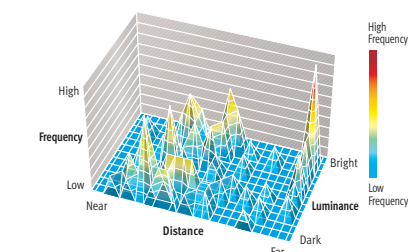


Diagram of Photographic Space

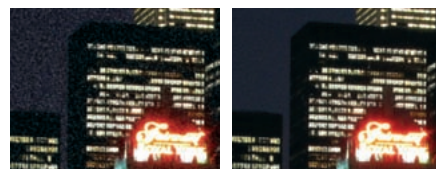
HS SYSTEM*

The Canon HS SYSTEM is a combination of a high-sensitivity sensor (CCD or CMOS) and the powerful DIGIC 4 Image Processor. Canon created this system to improve image performance while shooting with higher ISO speeds in poorly lit environments, reducing noise and enhancing the overall quality of photos.



NR NOISE REDUCTION

Experienced photographers know that high ISO speeds can coincide with increased levels of noise: aberrant or stray signals that degrade image quality. With Canon's exclusive DIGIC 4 Image Processor, there is no need for compromise. DIGIC 4 offers a major boost in noise reduction signal processing to compensate for the higher ISO settings it enables.



Without Noise Reduction

With Noise Reduction

RAW RAW MODE*

The RAW mode lets you shoot images without the camera processing them in any way. RAW images can be processed in your computer using Canon's DPP (Digital Photo Professional) software. Creative control is completely in your hands as you adjust a wide range of variables to produce exactly the final image you want.

Optical Technology

OPTICAL IMAGE STABILIZER*

Camera shake often blurs images in low light and at long focal lengths. Canon's Optical Image Stabilizer technology corrects camera shake so you can achieve excellent quality images in many difficult situations — outdoors at dusk, inside without a flash, even at the end of the zoom range without a tripod. The sophisticated system detects camera shake and optically counters the movement, effectively canceling unwanted lens movement and vibration. Because it is an optical system, there is none of the image degradation typical with electronic image stabilizers.



Image Stabilizer Unit

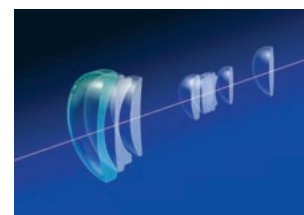


Without Optical Image Stabilizer

With Optical Image Stabilizer

UA LENS TECHNOLOGY*

The UA lens is a Canon exclusive: a glass-molded aspherical lens with an ultra-high refractive index that delivers incredibly bright, clear shots. Its amazingly small size is a major factor in



keeping the PowerShot cameras so compact.

AF & Exposure Metering

FACE DETECTION AF/AE/FE/WB*

You always get the shot you want with a camera equipped with the DIGIC III or DIGIC 4 Image Processors featuring Face Detection Technology. When the shutter button is pressed halfway, the camera finds the face or faces in the frame to ensure excellent focus and proper illumination of both the face(s) and the overall scene. The system also adjusts the flash for the location of the face(s).



Without Face Detection AF/AE/FE

With Face Detection AF/AE/FE

Face Detection AF finds faces, tracks them as you frame your shot, then delivers perfect focus. **Face Detection AE** makes all your group shots better by concentrating exposure on your subjects' faces, not their clothes or the background. **Face Detection FE** adjusts the flash exposure based on the location of the faces in the frame. **Face Detection WB** detects the faces in the shot and concentrates auto white balance on them, for the best possible skin tones.



Without Face Detection WB

With Face Detection WB

Face Selector AF lets you focus on a specific face. The selected face is double-framed and tracked as it moves in the frame. There is a dedicated Face Selector Button* for selected models. Some models even allow quick face selection via touch screen.



Face Selector Button

* Not on all models.



FACE DETECTION SELF-TIMER*

This advanced feature lets you join your group picture while maintaining precise exposure and focus. The Face Detection Self-Timer “counts” faces in your scene. When it detects an additional face, focus and exposure are automatically reset and the self-timer begins counting down.



BLINK DETECTION*

Blink Detection lets you know right away whether one of your subjects blinked. If closed eyes are detected, a “blink warning” icon appears for 3 seconds so you can re-shoot while your subject or group of subjects is still in place.



MULTI-POINT AiAF*

Canon's wide-area AiAF automatically selects one or more focusing points based on the position of the subject within the frame. This allows you to quickly and accurately focus your shot under a wide variety of shooting conditions, even when the subject is not centered.



Multi-Point AiAF



FLEXIZONE AF/AE*

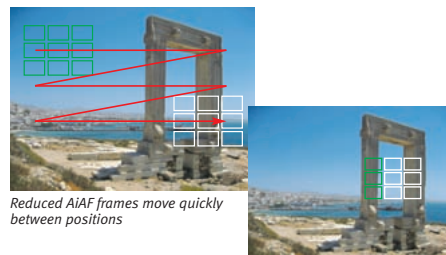
Using FlexiZone AF/AE, you can freely move a single AF point around the frame. This lets you easily focus on off-center subjects without reframing the shot. When Spot metering is selected, you can measure exposure at the chosen AF point or at the center of the frame. With this information, you can handle difficult lighting situations like a pro.

AF POINT ZOOM*

Turn on the AF Point Zoom feature to see an enlargement of the focus position when you press the shutter halfway for focus (when Face Detect AF or one-point AF is in use). This feature makes it easy to capture the perfect facial expression of your subject, or check for precise focus in macro shots.

AF FRAME SIZE MODIFICATION*

AF Frame Size Modification lets you reduce the size of a single AF point, for even more precise focus. Some models also allow the nine-point AiAF cluster to be reduced in size, and moved freely around most of the picture area, as shown below.



Reduced AiAF frames move quickly between positions

9-Point AiAF Small



SAFETY SHIFT & SAFETY FE*

In Av and Tv modes, a Safety Shift function is available to eliminate exposure errors: the camera will automatically change shutter speed or aperture to achieve proper exposure for the given brightness conditions. Safety FE makes automatic adjustments to prevent over- or under-exposed flash shots when shooting in Manual mode.

SAFETY MF (MANUAL FOCUS)*

After focusing the camera in manual focus mode, simply depress the shutter button halfway and the camera will automatically perform a fine adjustment for perfect focus. Safety MF can also be disabled for complete manual control.

EXPOSURE METERING

Advanced photographers can select one of three light-metering modes: Evaluative metering, Center-weighted average metering, or Spot metering. With some models, Spot metering can also be linked to the AF point, and moved around the picture area.



Evaluative Metering



Spot Metering



EXPOSURE COMPENSATION & FLASH EXPOSURE COMPENSATION*

With Exposure Compensation and Flash Exposure Compensation, you can adjust the exposure and/or flash output above or below the level the camera automatically selects by up to ± 2.0 stops in 1/3-stop increments. This is particularly useful for shooting situations that are difficult for the camera's automated sensors to meter correctly, such as subjects that are unusually light or dark in color.

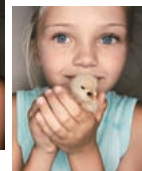


MANUALLY ADJUSTABLE FLASH*

PowerShot cameras allow you to manually change the flash strength to perfectly suit your needs. Set the flash strength to one of 3 levels — weak, medium or strong.



Weak



Medium



Strong

Shooting Function



ISO SETTING*

Canon's advanced DIGIC Image Processor enables a range of ISO equivalent settings from 80 up to 3200, achieving excellent image quality under darker conditions without a flash. With camera shake greatly reduced, you can shoot high quality images in many more situations. On some models, ISO settings are quickly accessible from a dedicated control dial.

HIGH ISO AUTO*

High ISO Auto allows the camera to select a wide range of ISO settings automatically, depending on the subject and scene. With Canon's latest Motion Detection Technology, it's even more advanced — it also factors in camera or subject movement when setting ISO automatically.

AUTO ISO SHIFT*

While sensitivity should in general be kept as low as possible for maximum image quality, too low a setting can cause blurry photos from camera shake. PowerShot cameras with Auto ISO Shift instantly maximize sensitivity for the given light, either automatically or at the push of a button. It minimizes blurriness, without the need to change the setting manually. The feature keeps you in creative control, allowing you to specify parameters for an ISO shift, or be notified when sensitivity is adjusted automatically.



RED-EYE CORRECTION*

New technology combines with Face Detection to allow select PowerShot cameras to detect and remove red-eye as images are played back on the LCD monitor. Some models even can detect and remove red-eye as photographs are taken.

WB
SELECT**WHITE BALANCE**

Canon iSAPS Technology helps ensure fast, accurate, automatic white balance compensation. PowerShot cameras also let you select from preset modes covering common lighting conditions including daylight, cloudy, tungsten, fluorescent, flash, or underwater. You can even perform a manual white balance adjustment using a white reference target, storing the measurement as a custom setting for later recall.

- ☀ **Daylight:** For shooting outdoors on sunny days.
- ☁ **Cloudy:** For shooting outdoors on cloudy days.
- 💡 **Tungsten:** Provides a good balance with photofoods or incandescent household lights.
- 💡 **Fluorescent:** Compensates for the greenish cast caused by common fluorescent tubes.
- 💡 **Fluorescent H:** For recording under daylight fluorescent lighting.
- ⚡ **Flash:** A good starting point with many studio strobes.
- 🌊 **Underwater*:** For shooting underwater.**

SAFETY
ZOOM**SAFETY ZOOM***

Set a minimum acceptable megapixel count for images taken when using the digital zoom, and Safety Zoom will let you make optimal use of the digital zoom range. The zoom pauses at the end of your preset safety range, rather than at the end of the optical zoom range.

DIGITAL
TELE-CONVERTER**DIGITAL TELE-CONVERTER***

The digital tele-converter feature lets you shoot subjects at great distances without mounting a separate tele-converter lens. Simply select one of two magnification levels from the menu.

16:9
WIDESCREEN**16:9 WIDESCREEN RESOLUTION***

Select PowerShot models feature a Widescreen recording setting. Images captured in Widescreen have a 16:9 aspect ratio, so you'll see no warping or cropping when viewing them on widescreen televisions or computer monitors.

Movie & Sound RecordingHD
Movie**HD MOVIES AND STEREO SOUND***

Select PowerShot models give you the ultimate convenience of recording HD movies from a still camera, whether in Full HD (1920 x 1080 pixels) or 720p HD (1280 x 720 pixels), for dazzling clarity and realism. Additional features available include video with stereo sound.

**VGA MOVIE RECORDING**

All PowerShot cameras offer smooth 30 fps, high quality movie clips captured in VGA (640 x 480). Some models also have VGA LP mode or QVGA mode (320 x 240). Zoom and exposure compensation continue to work on both stills and movies as does Face Detection AF/AE/FE/WB.

**MOVIESNAP***

Great shots can happen at any time, even while you're recording a movie. MovieSnap lets you capture a special moment as a high-resolution still image while simultaneously shooting a movie: simply press the shutter button down fully. The camera will record the image at the same resolution and compression rate you've previously selected.

**LCD/Playback Features****PURECOLOR SYSTEM LCD***

Canon's PureColor System LCD gives its PowerShot LCD screens unmatched clarity and durability. Color is faithfully reproduced from any viewing angle and a high contrast ratio ensures excellent visibility, making it easy to frame your shot and see exactly what you're capturing.



Conventional LCD



With PureColor System LCD

COATING FOR LCD SCREENS & WIDE VIEWING ANGLE*

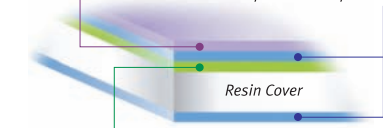
Many PowerShot models with 2.5-inch to 3.0-inch LCD screens now have an extra measure of durability: a stain-, dust-, scratch-, and fingerprint-resistant coating on the LCD screen. In addition, the top and bottom edges have an anti-reflective coating for clear visibility even in strong sunlight. Images and menu text are all easier to see and work with. Select PowerShot models have an anti-reflective coating on the surface of the LCD so images are vivid even from wide angles. This Wide Viewing Angle feature makes it easy to show your images to a group of family, friends or colleagues.

Dust-Proof Fluorine Coat

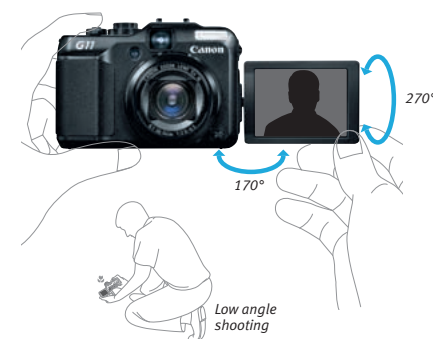
Reflection-Proof Multi-Coat

Resin Cover

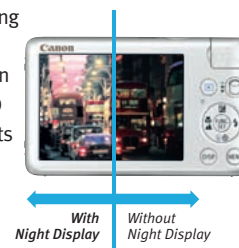
Scratch-Proof Hard-Coat

**VARI-ANGLE LCD SCREEN***

The screen conveniently flips out, allowing you to tilt the LCD up or down to minimize reflections or compose at unusual shooting angles. Rotate forward for perfectly framed self-portraits.

NIGHT
DISPLAY**NIGHT DISPLAY FUNCTION***

When you are shooting at dusk or at night, Night Display function lets you see the LCD screen clearly. Objects in the screen are brightened to make shooting easy.

HISTO
GRAM**REAL-TIME HISTOGRAM***

A Histogram LCD display of the image you've just taken shows you brightness values in graphic form, allowing you to make informed adjustments on subsequent shots. Some models feature Real-Time Histogram, displaying the brightness distribution of the scene in real time during shooting.

3:2 GUIDE DISPLAY

Now you can clearly see which area of the LCD display will print in a typical 4" x 6" print, simply by choosing the 3:2 Display Overlay option from the menu.

IMPROVED PLAYBACK FUNCTIONS*

Now in playback, you can watch images float up from the bottom of the screen, select the number of images (up to 130) you want to see at once,



Index Playback

control browsing speed with the Multi-Control Dial and enjoy new slideshow effects.

SMART SHUFFLE* **NEW**

Smart Shuffle makes playing back a large number of pictures more fun. Simply choose an image, and the camera will choose three more with similar colors, faces or other characteristics.

A great way to find images you haven't seen in a while!



MAGNIFIED PLAYBACK

During playback, images on the LCD screen can be magnified to reveal greater detail. You can zoom into the image with magnifications ranging from 2x to 10x and can scroll vertically or horizontally to view any part of the frame. Once an image has been magnified, there is no need to return to the original size before viewing the next or previous image.



Wide-angle, high resolution LCD monitor lets you verify focus



MOVIE EDITING*

PowerShot cameras let you edit or erase unwanted movie clips and delete sections from the beginning and/or end of scenes. Playback mode offers convenient navigation options. Models with enhanced Movie Playback UI even show you playback time, a progress bar and recording time on the LCD screen.

HDMI OUTPUT*

Enjoy HD movies on your HDTV by connecting directly to a high-definition monitor with the mini-HDMI connector. Experience Full HD with no degradation of image or audio in the signal, and display up to 130 still images at once.



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE



TOUCH PANEL LCD SCREEN*

Select PowerShot models feature a big and wide touch panel LCD for a modern, intuitive interface. Touch to choose an AF point, select a shooting mode, operate the flash, set exposure compensation, switch between images, magnify part of an image, play movies and more.



ACTIVE DISPLAY*

The technology lets you perform various functions while in playback by shaking, tilting or tapping the camera.



Shaking

Tilting

JUMP FUNCTION

With the Jump function, you can opt to display the tenth or hundredth image, skip through images by shot date, and instantly display a movie — all with detailed information about the selected search.

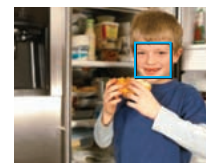


SLIDE SHOW

Many PowerShot cameras offer the convenience of viewing captured images and movies as a Slide Show on the camera's LCD screen. You can individually choose images and movies to include, or select them by date or folder.

IN-CAMERA TRIMMING*

Select PowerShot models let you trim your images right on camera, saving you time at the retouching stage. In playback mode, you simply size and place a trimming frame on the LCD screen. Choose a face or any other part of an image to center and enlarge, creating the exact image you want.



Original image



After In-Camera Trimming

IMAGE RESIZING

The ability to resize images (to 1600 x 1200, 640 x 480, or 320 x 240) in your camera means that images are ready to be sent via email or posted to your blog the instant you upload them to your computer; no computer editing is necessary. Resizing also frees up space on your memory card.

Convenient Features



MY CATEGORY*

Many PowerShot models feature My Category: a handy time-saver and organizational tool that lets you categorize still images and movies. Entire categories (select from up to 7) can then be played, printed, erased or protected.



MY MENU*

With My Menu, you can customize your camera for the way you shoot. Set up to five of your preferred shooting choices from the camera's menu to appear in the order you prefer. Now everything is right where you want it.

PRINT ORDER SETTING

PowerShot cameras let you simply press the button during playback to add the displayed image to your print list. This makes printing to direct print compatible printers (such as Canon SELPHY and PIXMA printers) quicker and easier than ever.



LANG. MULTI-LANGUAGE SUPPORT

Select from a number of different languages for on-screen menu text. Your choices may include English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified/Traditional Chinese, Japanese, Korean, Russian, Portuguese, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Farsi, Romanian and Ukrainian.

My Colors†



My Colors lets you customize color before/after shooting and correct individual colors on the LCD screen as you shoot!



Positive Film*

Combines “Vivid Red,” “Vivid Green” and “Vivid Blue” to achieve a highly saturated effect.



Vivid Red*

Charges up red objects in your images for extra impact.



Vivid Green*

Adds vivid dimension to greens for extraordinary nature shots.



Vivid Blue*

Emphasizes the sea, sky or other blue areas.



Lighter Skin Tone*

Lightens your subjects’ skin tones.



Darker Skin Tone*

Darkens skin tones a shade.



Custom Color

Sets balance of red, green, blue and skin colors and finely adjust brightness and vividness.



Vivid Color

Yields vibrant shots with dramatic high-contrast.



Neutral Color

Produces images of subtle, elegant tonality.



Black & White

Delivers enhanced clarity — especially useful when shooting text.



Sepia

Recreates the look of vintage photographs.

Shooting Modes & Special Scene Mode



Auto

Sets all parameters for you, providing point-and-shoot simplicity.

PowerShot cameras offer shooting modes that make it easy to take perfect photos in a wide range of shooting situations by providing intelligent presets with optimized settings. Special Scene Mode gives you advanced presets to ensure the best possible photos under difficult shooting conditions.



Portrait

Brings the subject into focus while beautifully blurring the background.



High-Speed Burst^{NEW}

The camera shoots continuously at a high speed of approx. 8.4fps[†] while you hold down the shutter.



Super Slow Motion Movie^{NEW}

Record your clips in high speed (approx. 240fps), and then watch your videos in slow motion.



Fisheye^{NEW}

Now you can get the Fisheye Effect — a classic photographic distortion — without a fisheye lens.



Low Light^{NEW}

For high quality images captured in an amazing range of dimly-lit situations.



Super Vivid^{NEW}

Super Vivid intensifies existing hues, saturating the scene with bright colors.



Poster^{NEW}

Blends several similar shades into one color, turning subtle gradations into eye-catching, scene-popping contrasts.



Miniature^{NEW}

Give images a miniature look with an effect that emphasizes perspective by blurring the top and bottom of the image.



Easy Mode^{*}

In Easy mode, shooting is simple and relaxed—the camera handles all the settings automatically.



Landscape

Increases depth-of-field for sharp and sweeping landscape shots.



Kids & Pets^{*}

The camera reduces focus time so you won't miss those special shots.



Night Snapshot

Blur is minimized when you're shooting at dusk or in front of a nighttime background.



Movie

Full HD (1920 x 1080), HD (1280 x 720), VGA (640 x 480) or QVGA (320 x 240) with audio. Unwanted scenes can be deleted in playback mode.



Shutter Priority^{*}

You select the shutter speed, and the camera automatically selects the appropriate aperture.



Manual^{*}

You have complete control of exposure, selecting both aperture and shutter speed manually.



Aquarium^{*}

The camera adjusts image quality to achieve proper flash-free exposure and natural hues when shooting at an indoor aquarium.



Program^{*}

The camera automatically and intelligently selects the aperture/shutter speed combination based on the shooting conditions.



Night Scene^{*}

Slow-sync flash is expertly combined with appropriate ambient light exposure to properly expose both subject and background.



Aperture Priority^{*}

You set the aperture, controlling depth-of-field. The camera automatically selects the shutter speed.



ISO 3200^{*}

Expands your ability to shoot in even darker settings without using the flash, and helps capture well-exposed images.



Foliage

Capture brilliant shots of autumn foliage, greenery and blossoms.



Beach

Get clear shots of people at a sunny beach without darkened faces.



Snow

Shoot clear snow scenes without darkened subjects and bluish tint.



Sunset*

Retain all the vivid colors of a sunset along with optimum white balance.



Fireworks

Create brilliant images of skyrocketing fireworks.



Underwater*

Capture underwater images with reduced backscatter effect. Underwater camera or optional Underwater Case required.



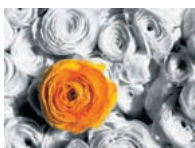
Indoor

Reduce blur and improve color accuracy when shooting indoors.



Sports*

The camera uses high shutter speeds to capture fast-moving subjects.



Color Accent*

Choose to retain a single color in your image while other colors turn monochrome.



Color Swap*

Select a color and replace it with a color you specify for special effects.



Nostalgic*

Create the look and feel of old photographs using sepia tones and black-and-white.



Stitch Assist*

Easy-to-use guidelines simplify the shooting of aligned multiple frames that can later be combined (using bundled software) to create panoramic photos.



Super Macro*

This function will let you focus less than an inch from the subject – discover a world of fascinating textures.



Digital Macro*

The camera trims the image center and digitally zooms to create beautifully enlarged close-ups.



Long Shutter*

Uses a long exposure for an artistic effect. Great for urban photography.



Creative Light Effect*

Transform background bright spots to stars, hearts, music notes and more.

Accessories

HIGH-POWER FLASH*

Compact and elegantly designed, the High-Power Flash HF-DC1 requires no accessory shoe. It has a strong light output at guide number 59 (ISO 100/ft.) and a wide 28mm angular field (35mm film equivalent) for proper illumination up to approximately 30 feet.



With High-Power Flash



Without High-Power Flash



WATERPROOF CASE & CASE WEIGHT*

Take the excitement of digital photography underwater (down to 130 ft.) or outside in any weather with Canon's protective cases. Built-in flash diffusers prevent blurring. The Waterproof Case Weight lets you adjust buoyancy to prevent the camera from floating underwater.



CONVERTER LENSES*

High-quality Canon converter lenses can be attached to the lenses of select PowerShot cameras. Tele-Converters bring distant subjects up close. Close-up lenses can capture great details. Both augment the built-in zoom range of PowerShot cameras.



With Tele-Converter Lens



Without Tele-Converter Lens



With Close-up Lens



Without Close-up Lens

SDXC MEMORY CARD*

The latest PowerShot cameras accept SDXC memory cards. This next-generation storage features massively increased capacity (up to 2 terabytes) and notably faster operation.

EYE-FIT™ MEMORY CARD**

PowerShot SX210 IS, PowerShot SD4000 IS and PowerShot SD3500 IS make it easy to use an Eye-Fi™ memory card by displaying Eye-Fi functions and connection status right on the LCD screen.

* Certain modes not available on some cameras.

* Not available for all models.

† Canon cameras are not guaranteed to support Eye-Fi card functions, including wireless transfer. In case of an issue with the Eye-Fi card, please consult with the card manufacturer. The use of Eye-Fi cards may not be available outside the United States and Canada, please contact the card manufacturer for territory availability.

POWERSHOT ACCESSORIES







	PowerShot Accessory Kit			Case							
	Digital Camera Accessory Kit AKT-DC1 3919B001	PSC-5100 3527B001	PSC-4000 3528B001	PSC-3200 4854B001AA	PSC-3100 4015B001	PSC-2060 4855B001AA	PSC-2050 4335B001	PSC-1050 4030B001 (Black) 4035B001 (Red)	PSC-1000 3088B002 (Pink), 2349B001 (Grey), 2350B001 (Burgundy), 4034B001 (Light Blue)		
G11		•									
S90				•							
SX20 IS			•								
SX210 IS				•							
SX120 IS					•						
D10	•										
SD4000 IS						•					
SD3500 IS							•				
SD980 IS							•			•	
SD1400 IS										•	
SD940 IS								•		•	
SD1300 IS										•	
A3100 IS											
A3000 IS											
A495											
A490											
Remarks	Contents: • Front Cover Set (Orange, Camouflage and Gray) • Hexagon Wrench & Bolt • Soft Case SC-DC70 • Shoulder/Neck Strap • Carabiner Strap										

	Case			Underwater	Conversion Lens and Adapter		Other			Battery and Charger	
	PSC-900 4366B001	PSC-500 3514B002	PSC-55 1588B001	Waterproof Case	Waterproof Case Weight WW-DC1 9876A001	TC-DC58D 3152B001	LA-DC58K 3151B001	Ring Accessory Kit RAK-DC2 3206B001	Remote Switch RS-60E3 2469A002	Battery Pack	Battery Charger
G11				WP-DC34	•	196mm	•	•	•	NB-7L	CB-2LZ
S90	•			WP-DC35	•					NB-6L	CB-2LY
SX20 IS										NB4-300	CBK4-300*
SX210 IS										NB-5L	CB-2LX
SX120 IS										NB4-300	CBK4-300*
D10										NB-6L	CB-2LY
SD4000 IS										NB-6L	CB-2LY
SD3500 IS										NB-6L	CB-2LY
SD980 IS										NB-6L	CB-2LY
SD1400 IS			•	WP-DC37						NB-4L	CB-2LV
SD940 IS			•	WP-DC33	•					NB-4L	CB-2LV
SD1300 IS			•	WP-DC36	•					NB-6L	CB-2LY
A3100 IS		•								NB-8L	CB-2LA
A3000 IS		•								NB-8L	CB-2LA
A495		•								NB4-300	CBK4-300*
A490		•								NB4-300	CBK4-300*
Remarks				Waterproof to 130 ft.	Buoyancy adjustment weight kit for waterproof cases.						* Battery and Charger Kit

POWERSHOT ACCESSORIES

	Battery and Charger		Speedlite			Memory Card
	Compact Power Adapter	AC Adapter Kit	Speedlite EX Series (580EX II/430EX II/270EX)	Speedlite Transmitter ST-E2	HF-DC1 9940A001	SD Memory Card
						
G11	CA-PS700	ACK-DC50	●	●	●	●
S90		ACK-DC40			●	●
SX20 IS	CA-PS700		●	●	●	●
SX210 IS		ACK-DC30			●	*
SX120 IS		ACK800			●	●
D10		ACK-DC40			●	●
SD4000 IS		ACK-DC40			●	*
SD3500 IS		ACK-DC40				*
SD980 IS		ACK-DC40			●	●
SD1400 IS		ACK-DC10			●	*
SD940 IS		ACK-DC10			●	●
SD1300 IS		ACK-DC40			●	*
A3100 IS		ACK-DC60				*
A3000 IS		ACK-DC60				*
A495		ACK800				*
A490		ACK800				*

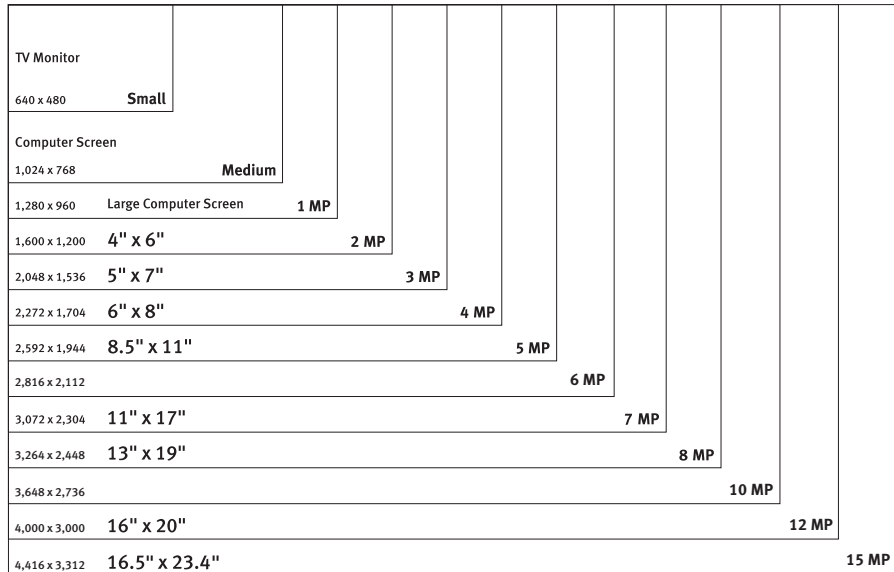
Remarks

	Cable					
	USB Cable IFC-400PCU	Mini-HDMI Cable HTC-100	AV Cable AVC-DC400ST	AV Cable AVC-DC400	AV Cable AVC-DC300	Stereo Video Cable STV-250N
						
G11	•	•		•		
S90	•	•		•		
SX20 IS	•	•				•
SX210 IS	•	•	•			
SX120 IS	•			•		
D10	•			•		
SD4000 IS	•	•	•			
SD3500 IS	•	•		•		
SD980 IS	•	•		•		
SD1400 IS	•	•		•		
SD940 IS	•	•		•		
SD1300 IS	•			•		
A3100 IS	•			•		
A3000 IS	•			•		
A495	•				•	
A490	•				•	

Remarks

PRINT SIZE VS. IMAGE QUALITY COMPARISON CHART

The chart below shows the recommended size an image should be printed according to the resolution and print sizes (suggested maximum) of the digital camera.



FOCAL LENGTH EQUIVALENT

Camera	G11	S90	SX20 IS	SX210 IS	SX120 IS	D10	SD4000 IS	SD3500 IS	SD980 IS	SD1400 IS	SD940 IS	SD1300 IS	A3100 IS/A3000 IS	A495/A490
Optical Zoom	5x	3.8x	20x	14x	10x	3x	3.8x	5x	5x	4x	4x	4x	4x	3.3x
Focal Length Equivalent	28-140 mm	28-105 mm	28-560 mm	28-392 mm	36-360 mm	35-105 mm	28-105 mm	24-120 mm	24-120 mm	28-112 mm	28-112 mm	28-112 mm	35-140 mm	37-122 mm

ESTIMATED MEMORY CARD CAPACITIES†

Cameras	14.7 MP			12.1 MP	10.0 MP			9.0 MP		7.1 MP	
	RAW	L/SF	L/F	L/F	RAW	L/SF	L/F	L/SF	L/F	L/SF	L/F
File Size (KB)	18,793	6,348	3,759	3,084	12,825	4,332	3,759	3,888	2,302	3,045	1,897
2GB	94	306	516	626	135	448	749	499	841	652	1,046
8GB	378	1,227	2,083	2,505	540	1,792	2,994	1,996	3,364	2,588	4,116

		HD (1920 x 1080)	HD (1280 x 720)	VGA (640 x 480)		QVGA (320 x 240)	Compact (160 x 120)	Time Lapse (640 x 480)		Super Slow Motion Movie (320 x 240)
		30 fps	30 fps	30 fps	30 fps LP	30 fps	30 fps	1" Interval	2" Interval	240 fps
File Size (KB/sec.)	AVI	—	—	1963	1003	703	131	64	32	—
	MOV	5296	2955	1316	—	394	—	—	—	2459
2GB	AVI	—	—	17 min.	33 min.	47 min.	3 hr. 25 min.	—	—	—
	MOV	6 min. 07 sec.	10 min. 53 sec.	24 min.	—	1 hr. 13 min.	—	—	—	25 min. 46 sec. (4GB)
8GB	AVI	—	—	1 hr. 07 min.	2 hr. 12 min.	3 hr. 06 min.	13 hr. 39 min.	—	—	—
	MOV	24 min. 30 sec.	43 min. 32 sec.	1 hr. 35 min.	—	4 hr. 52 min.	—	—	—	1 hr. 45 min. 35 sec. (16GB)

* Depends on the writing speed of memory card. Movie may stop recording before reaching to above length.



VIXIA High Definition Camcorders

SHOOT. CAPTURE. SEE. BE HD.

The Moving Image: Powered by Canon

Crisply defined, brilliantly detailed video can transform a memory into a work of art. Making that happen every time you pick up your camcorder is what Canon is all about. Canon camcorders, powered by decades of optical expertise and technical dominance, deliver fully on the promise of superior image quality. Unparalleled optics and the most advanced technology don't just capture your vision perfectly, they give it the lasting impact it deserves. An extensive array of features and functionality ensure that the ideal Canon camcorder awaits, ready to make your video everything it can be.

VIXIA HFS21

NEW



The Pinnacle of High Definition

- Record crisp high definition video to a 64GB internal flash drive or directly to 2 removable SD memory cards
- Genuine Canon 10x HD Video Lens delivers unsurpassed image quality and smooth backgrounds for professional looking results
- Canon 1/2.6-inch 8.59-megapixel Full HD CMOS Image Sensor captures video at 1920 x 1080 resolution and stunning 8.0 megapixel photos
- Canon DIGIC DV III Image Processor provides the ultimate in color and imaging performance
- Dynamic SuperRange OIS with Powered IS corrects a full range of motion and provides extraordinary shake correction at both wide-angle and telephoto
- 3.5-inch High Resolution Touch Panel LCD offers fast and easy operation and exceptional detail
- Smart Auto makes shooting great video easy by automatically selecting the best settings for any scene



VIXIA HF M31

NEW



HD Perfection in the Palm of Your Hand

- Record crisp high definition video to a 32GB internal flash drive or directly to a removable SD memory card
- Genuine Canon 15x HD Video Lens delivers unsurpassed image quality
- Canon 3.89-megapixel Full HD CMOS Image Sensor captures brilliant video at 1920 x 1080 resolution and superb photos
- Canon DIGIC DV III Image Processor provides the ultimate in color and imaging performance
- Dynamic SuperRange OIS with Powered IS corrects a full range of motion and provides extraordinary shake correction at both wide-angle and telephoto
- Smart Auto makes shooting great video easy by automatically selecting the best settings for any scene



VIXIA HF R11

NEW



The Sophistication and Ease of HD

- Record crisp high definition video to a 32GB internal flash drive or directly to a removable SD memory card
- Ultra-sleek, compact and lightweight design
- Genuine Canon 20x HD Video Lens delivers exceptional image quality
- Canon 2.39-megapixel HD CMOS Image Sensor captures video at 1920 x 1080 resolution
- Canon DIGIC DV III Image Processor provides superb color and imaging performance
- Smart Auto makes shooting great video easy by automatically selecting the best settings for any scene
- Genuine Canon Face Detection delivers precise focus and exposure for perfect faces every time



SDHC memory cards are recommended for capacity and guaranteed speed. Class 4 or higher speed required for 1920 x 1080 recording mode on VIXIA HF S21/HF M31/HF R11.

VIXIA
Camcorders



The Perfect Complement for Your Canon Digital Camera.

Canon Direct Print System

Make beautiful photos from your Canon digital cameras quickly, easily and without the use of a computer. Canon PowerShot and EOS Digital cameras can be connected directly to Canon SELPHY and PIXMA Photo Printers. It's simple: just connect your camera to your printer, press the button and watch as long-lasting, photo lab quality photos print before your very eyes.



1

Connect the USB cable
to a Canon digital camera or
PictBridge compatible camera.



2

Press the button.
You'll have long-lasting,
professional quality photos
in minutes.

Canon's superb digital cameras are designed to produce images of amazing clarity and color. From the EOS series through the PowerShot line, Canon cameras help photographers of all skill levels capture the best possible images with speed and ease. Canon brings this same level of commitment to the printing and sharing of these images with the PIXMA and SELPHY series of photo printers. From wallet-sized photos to exhibition quality, fine art prints, there's a Canon printer that's just right, no matter the photographer, no matter the skill level. With advanced technologies to help ensure vivid, richly colored prints that will last a lifetime,^{1,7} Canon printers ensure that you can produce the perfect photos—fast.

Camera and printer sold separately.

PIXMA Pro 9500 Mark II

Inkjet Photo Printer

The Fine Art Powerhouse

The Canon flagship PIXMA printer, the Pro9500 Mark II, uses the LUCIA 10-color pigment ink system to produce breathtaking, borderless images up to 13" x 19". It's compatible with a number of heavy-weight genuine Canon



Fine Art papers, has 2 different black inks and one gray ink for enhanced black and white printing performance and is wonderfully simple to use, even directly from your compatible digital camera.

LUCIA
ink

FINE
Inkjet Photo Printers
Borderless Printing

Borderless Printing

Hi-Speed
USB

PictBridge

PIXMA Pro 9000 Mark II

Inkjet Photo Printer

Direct From Your Digital Camera

Capable of quickly printing photo lab quality prints plus detailed proofs and information sheets from your latest shoot, the Canon PIXMA Pro9000 Mark II Photo Printer offers a proven combination of speed and versatility.

Its print head provides incredible resolution and its ChromaLife100¹ dye-based inks create long lasting, beautiful photos to share or display.



ChromaLife100¹

FINE
Inkjet Photo Printers
Borderless Printing

Borderless Printing

Hi-Speed
USB

PictBridge

1,7 See notes section on page 62.

PIXMA MP990

Wireless Inkjet Photo All-In-One Printer

Ultimate Wireless Photo All-In-One with 3.8" LCD and Built-In Auto Duplex Printing.

The MP990 offers a six individual ink tank system featuring gray ink for truly professional-looking black & white photos. With maximum 9600 x 2400³ color dpi, your prints will be of exceptional photo quality. New features include Professional Color Adjustment in the Easy Photo Print Pro software and "Auto Photo Fix II" to adjust and correct your photos.



PIXMA MP640

Wireless Inkjet Photo All-In-One Printer

Premium Wireless Photo All-In-One with 3.0" LCD and Built-In Ethernet Connectivity.

Make your photos look their best with the MP640 using the new, easy-to-use "Auto Fix II" image correction feature. Clip, collect and combine multiple web pages to print using "Easy-WebPrint EX." Print photo lab quality 4" x 6" photos in approx. 20 seconds,⁵ and with the ChromaLife100⁺ system, your beautiful photos will last up to 300 years. The MP640 is also equipped with built-in 2-sided printing which can save you paper and help the environment.



PIXMA MP560

Wireless Inkjet Photo All-In-One Printer

High-Performance Wireless Photo All-In-One with 2.0" LCD.

The MP560 is an amazingly compact printer with both wireless² and built-in 2-sided printing. Use the maximum 9600 x 2400³ color dpi for amazing photo quality. The new "Auto Photo Fix II" feature can automatically adjust and correct your photos. Easily print your photos from compatible memory cards and USB Flash drives.



CanoScan 8800F

Color Image Scanner

Professional Quality and Speed for Photos and Film.

The CanoScan 8800F Color Image Scanner has 7 easy buttons to quickly copy, scan, e-mail or create multi-page PDF documents. For faster scanner operation, the White LED eliminates warm-up time⁶, and built-in FARE™ 3.0 retouching technology helps to enhance your final images. To save time, you can batch-scan up to twelve 35mm frames or up to four slides.



Wireless access to the printer.

Ready to cut the cord? You can with the PIXMA MP990, MP640 and MP560 All-In-One Photo Printers. Their built-in Wi-Fi capability enables you to print wirelessly from almost anywhere in the house, with simple setup. On some models you can also network via Ethernet cable and print from a connected computer in another room.

Camera and printer sold separately.

1, 2, 3, 4, 5, 6—See notes section on page 62.

PIXMA MX870

Wireless All-In-One Office Printer with 2.5" LCD and Auto Duplex ADF

This premium Wireless Home Office All-In-One boasts incredible 9600 x 2400 maximum color dpi with 1pl and a 5 individual ink tank system. A built-in, fully integrated 35-sheet Auto Document Feeder quickly copies and scans your originals so you can tend to other tasks. Built-in Auto Duplex Printing prints 2-sided documents without having to manually flip the pages and can reduce your paper consumption up to 50%.



PIXMA MX350

Wireless All-In-One Office Printer with 2.5" LCD and ADF

The PIXMA MX350 Wireless Office All-In-One delivers the versatility you need to bring high-quality, ease of use and maximum productivity into your home or small office. Enjoy the built-in, fully integrated 30-sheet Auto Document Feeder for rapid copying, scanning and faxing. Plus, for those of you who want to create and customize your own web layouts, you'll enjoy Easy-WebPrint EX so you only print what you want, when you want, off the web!



Long-Lasting Photos.

With PIXMA photo printers, your photos and memories will last more than a lifetime. The ChromaLife100¹ and ChromaLife100+¹ systems allow your photos to stay clear and colorful through a combination of select genuine Canon inks, Photo Papers and FINE Print Head Technology. SELPHY Compact Photo Printers' Dye-Sub process applies a water and gas-resistant coating to provide over a lifetime's worth of enjoyment.⁷



No Computer Needed!

You can print directly from your compatible memory card⁴ using the built-in memory card slots. You can also send images captured on a compatible cell phone², wirelessly² to compatible PIXMA photo printers and SELPHY compact photo printers via optional Bluetooth⁸. No matter how you connect, Canon makes printing your photos easy and enjoyable.



Camera and printer sold separately.

SELPHY ES40

COMPACT PHOTO PRINTER

Fun Printing for the Whole Family with Voice Guidance & Built-in Power Adapter.

New Creative Print options like Speech Bubbles, Stamps, Frames and Effects let you have fun with your images anytime! You can easily preview your images on a large, 3.5" LCD and print with its integrated ink and paper cartridges that hold both ink and paper. So, you replace the cartridge error-free and quickly for convenient 4" x 6" printing.



Integrated Ink and Paper Cartridge

SELPHY CP780

COMPACT PHOTO PRINTER

Easy Photo Printing From Room to Room.

Light and compact, you can print fabulous photos whenever you are ready. Preview images on the 2.5" LCD and enhance them with Portrait Image Optimize. Card slots allow direct printing from your compatible memory cards⁴—no computer needed.



SELPHY CP790

COMPACT PHOTO PRINTER

So Easy to Use — Get Creative On the Go!

Add fun, creative options to your photos such as Frames, Calendars, Photo Diary Print and much more. Carry and print wherever you go with the special storage basket and optional battery — no computer needed. Preview, edit and print from compatible memory cards⁴ using the 3.0" LCD and enhance images with "Portrait Image Optimize" to create amazing prints.



1, 2, 3, 4, 7, 8, 9—See notes section on page 62.

CREATE YOUR OWN GREETING CARDS

Try the All Occasion Greeting Card Kits that are available for PIXMA Photo Printers. Each Kit includes 8.5" x 5.5" photo paper and natural linen envelopes. You can download from Canon's Creative Park website to try the greeting cards, envelope designs and much more! It's simple, fun and free to download. Print beautiful cards easily from your Canon printer.



CREATIVE PRINTS

The SELPHY ES40 and CP790 Compact Photo Printers both have fun, creative options such as Frames and Calendar layouts. Use Speech Bubbles, Clip Art and optional silver and gold inks for additional creativity on the ES40.



IMAGE EDITING

SELPHY Compact Photo Printers can automatically detect and reduce red-eye in your flash photos. They can also automatically compensate for harsh backlighting. The advantage? Better prints, effortlessly.

For more information on Canon Photo Printers, please visit: usa.canon.com/consumer

- Based on accelerated dark storage testing by Canon under controlled temperature, humidity and gas conditions, simulating storage in an album with plastic sleeves. Canon cannot guarantee the longevity of the prints; results may vary depending on printed image, drying time, display/storage conditions and environmental factors. See www.usa.canon.com/ChromaLife100 or www.usa.canon.com/ChromaLife100plus for additional details.
- Wireless printing requires a working Ethernet network with wireless 802.11b/g capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
- Resolution may vary based on printer driver setting. Color ink droplets can be placed with a horizontal pitch of 1/4800 inch or 1/9600 inch at minimum depending on printer model.
- See printer packaging for compatible memory cards.
- Photo print speeds are based on the standard mode driver setting using photo test pattern(s) and select Canon Photo Paper. Print speed measured as soon as first page begins to feed into printer and will vary depending on system configuration, interface, software, document complexity, print mode, types of paper used and page coverage. See www.usa.canon.com/printspeed for additional details.
- The time required for the light source to reach sufficient operating temperature. Film scanning excluded.
- Based on accelerated dark storage testing by Canon under controlled temperature, humidity and gas conditions, simulating storage in an album with plastic sleeves. Canon cannot guarantee the longevity of the prints; results may vary depending on printed image, drying time, display/storage conditions and environmental factors.
- Requires mobile device (or other device) equipped with Bluetooth v2.0 technology and optional Canon Bluetooth Unit BU-30. Bluetooth operation depends on the device and software version used. Operating distance is approx. 10 meters but may vary due to obstacles, radio signals, locations where radio interference occurs, magnetic fields from microwave ovens, device sensitivity and/or antenna performance.
- Requires mobile device (or other device) with IrDA port and phone positioned no more than 7.9 inches from the printer.

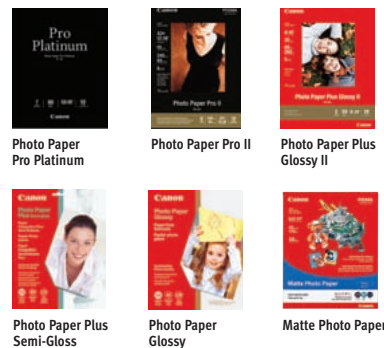
FINE ART PAPERS*

For that perfect print, a selection of genuine Canon Fine Art papers such as Photo Rag™, Museum Etching, and Premium Matte are available and will look stunning printed from your PIXMA Photo Printer.



PHOTO PAPERS*

Just like the photo lab, Canon printers use glossy, semi-gloss or matte photo papers in a number of sizes, perfect for any application. And they're designed for longevity and compatibility with Canon printers.



COMPACT PHOTO PAPERS*

Designed specifically for use with the SELPHY Compact Photo Printers, Canon's genuine compact photo papers produce smooth, continuous tone prints that are virtually indistinguishable from those you'll get at the photo lab.



* For a complete list of compatible models, please refer to usa.canon.com/consumer



PHOTO ALBUM 3" X 3" POCKET SIZE*

Create your own Photo Album 3" x 3" Pocket Size for any occasion—personal remembrances, gifts, party favors, or vacations. Use the enclosed software, and follow the simple instructions.

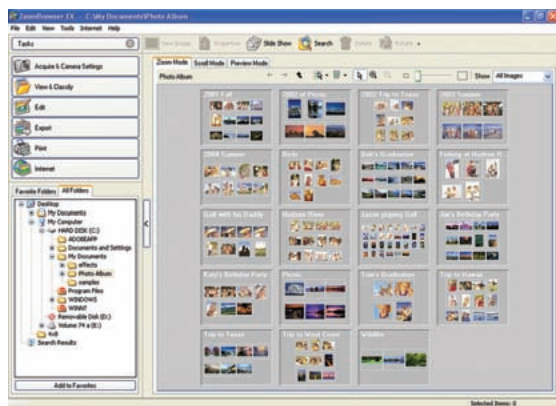


ALL OCCASION GREETING CARDS*

Perfect for notes, announcements, greetings and invitations. Blank cards allow you to create and write your own message. Includes 20 sheets of Canon Photo Paper Glossy paper and 20 envelopes. Additional templates available for download at usa.canon.com/greetingcards.



Every Canon PowerShot camera kit includes a comprehensive software bundle that gives the owner of a Windows or Macintosh computer a powerful set of tools for camera control, image file management and image viewing and editing.

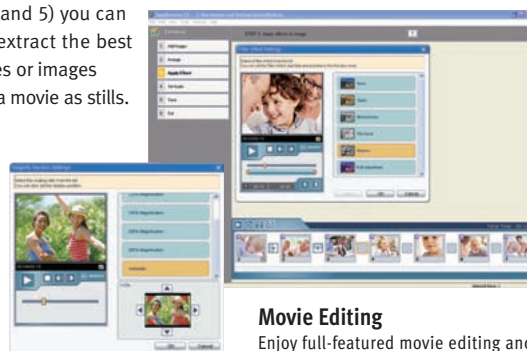


Scroll Mode

ZoomBrowser EX—Zoom Mode

ZOOMBROWSER EX (WINDOWS)/IMAGEBROWSER (MAC)

ZoomBrowser EX for Windows and ImageBrowser for Macintosh provide essential camera connectivity, file management and image viewing functions. Version 6.0 and higher provides five features: 1) you can print (a) one photo per page or (b) index prints with selectable shooting information alongside, 2) USB 2.0 Hi-Speed makes downloading even faster, 3) Shooting information is available in tables along with several photo views allowing easy comparison of the settings, 4) New editing functions make photo modifying more flexible than ever, and 5) you can now extract the best scenes or images from a movie as stills.



Movie Editing

Enjoy full-featured movie editing and cropping, including merging multiple movies and stills, adding titles or comments, creating transitions and other effects. In addition, newer PowerShot cameras record movies in 1-second increments that allow highly flexible editing with quick data-save performance.

Easy Image Viewing

Zoom Mode: Enables direct access to all the images regardless of the folder structure. Displays all images including the images within the sub-folder.

Scroll Mode: When a large number of images exist in a folder, users can open images within multiple folders and view these images simultaneously.

High-Speed Viewing

Use this software to browse quickly though huge numbers of photos. It minimizes the time to display all thumbnails in a folder.



Red-Eye Correction

There are both Auto and Manual Modes to correct the red-eye caused by night or indoor shooting simply by selecting "Red-eye Correction" from the edit menu.

REMOTE CAPTURE*

Integrated into ZoomBrowser EX/ImageBrowser, this handy program lets you connect your camera via USB and control many camera operations from a computer. View a live image, adjust zoom, set image size, quality, and other shooting conditions and take the shot ... all by "remote control" on your computer. A new interface clearly displays all functions.



DIRECT TRANSFER

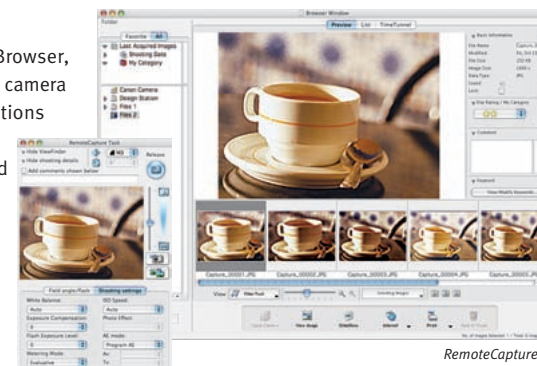
PowerShot cameras greatly simplify the transfer of image files to a computer. With the software installed and the camera connected to a PC, simply press the button to initiate the file transfer process. A menu will appear on the camera's LCD, giving you a number of flexible file transfer options, including the transfer of a selected image and making it your computer's new desktop wallpaper.

YOUTUBE UPLOAD NEW

Now you can upload your movies to YouTube using Camera Window software instead of your Web browser. The software makes it quick and easy to share your video clips with YouTube's global audience.

DIGITAL PHOTO PROFESSIONAL FOR EOS DIGITAL

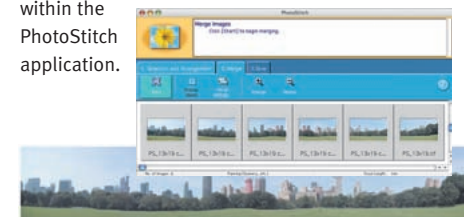
Take full advantage of the RAW mode capability of most Canon EOS Digital SLR cameras and some PowerShot cameras using this handy program. Features include fast batch conversion of RAW files to other formats, such as TIFF and JPEG, RAW image preview at high speed, detailed control over numerous parameters, histogram display and thumbnail catalogs.



RemoteCapture

PHOTOSTITCH




Line up sequential images horizontally, vertically or in 2 x 2 matrices to create ultra-high-resolution panoramic prints and posters. PowerShot cameras provide a Stitch Assist feature that helps you more accurately align consecutive shots for easier joining within the PhotoStitch application.



Digital Photo Professional




* Not on all models.

EOS SPECIFICATION CHART

	EOS-1Ds Mark III	EOS-1D Mark IV	EOS 5D Mark II	EOS 7D	EOS 50D
					
Autofocus System	45-point AREA-SIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection	TTL-AREA-SIR Type CMOS Sensor with 39 high-precision cross-type points, One-Shot & AI Servo II AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection	9-point CTSIR [†] Type CMOS Sensor w/ 6 invisible AF Assist points, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection	19-point all cross type CMOS Sensor, One-Shot & AI Servo II AF w/Focus Prediction, Manual focusing confirmation possible w/ EF & EF-S lenses, Automatic or manual focus point selection	9-point CTSIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF & EF-S lenses, Automatic or manual focus point selection
Resolution (Effective Pixels)/ Pixel Size	21.1 Megapixels / 6.4 µm	16.1 Megapixels / 5.7 µm	21.1 Megapixels / 6.4 µm	18.0 Megapixels / 4.3 µm	15.1 Megapixels / 4.7 µm
Resolution (Recording Pixels)	5,616 x 3,744 (Large/RAW), 4,992 x 3,328 (Medium 1), 4,080 x 2,720 (Medium 2), 2,784 x 1,856 (Small/sRAW)	4,896 x 3,264 (Large/RAW), 4,320 x 2,880 (Medium 1), 3,552 x 2,368 (Medium 2), 2,448 x 1,632 (Small/sRAW)	5,616 x 3,744 (Large/RAW), 4,080 x 2,720 (Medium), 3,861 x 2,574 (sRAW 1), 2,784 x 1,856 (Small/sRAW 2)	5,184 x 3,456 (Large/RAW), 3,456 x 2,304 (Medium), 3,888 x 2,592 (sRAW 1), 2,592 x 1,728 (Small/sRAW 2),	4,752 x 3,168 (Large/RAW), 3,456 x 2,304 (Medium), 2,352 x 1,568 (Small), 3,267 x 2,178 (sRAW 1), 2,376 x 1,584 (sRAW 2)
Image Processor/ Image Sensor	Dual "DIGIC III" / 36 x 24mm, Single-plate CMOS Sensor (Full-frame) with Auto Sensor Cleaning	Dual DIGIC 4 / 27.9 x 18.6mm, Single-plate CMOS Sensor with Auto Sensor Cleaning	DIGIC 4 / 36.0 x 24.0mm, Single-plate CMOS Sensor (Full-frame) with Auto Sensor Cleaning	Dual DIGIC 4 / 22.3 x 14.9mm, single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning	DIGIC 4 / 22.3 x 14.9mm, single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning
Lens Conversion Factor	1x	1.3x (APS-H)	1x	1.6x	1.6x
ISO Range*	ISO 100–1,600, ISO 50 and 3,200 via Menu Selection	ISO 100–12,800, ISO 25,600, 51,200 and 102,400 via Custom Function	ISO 100–6,400, ISO 50, 12,800 and 25,600 via Menu Selection	ISO 100–6,400, ISO 12,800 via Custom Function	ISO 100–3,200, ISO 6,400 via Custom Function
Safety Shift via ISO	Yes	Yes	No	No	No
Auto ISO in Full Auto Mode	No	Yes	Yes	Yes	Yes (possible in all modes)
Imaging Type	RAW/sRAW, RAW+JPEG, JPEG	RAW/mRAW/sRAW, RAW+JPEG, JPEG	RAW/sRAW1/sRAW2, RAW+JPEG, JPEG	RAW/mRAW/sRAW, RAW+JPEG, JPEG	RAW/sRAW1/sRAW2, RAW+JPEG, JPEG
Recording Media	UDMA CF/CF card (Type I or II), SD/SDHC memory card	UDMA CF/CF card (Type I or II), SD/SDHC memory card	UDMA CF/CF card (Type I or II)	UDMA CF/CF card (Type I or II)	UDMA CF/CF card (Type I or II)
Interface to Computer	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed
Autofocus	45-point AREA AF	45-point AREA AF (w/ 39 high-precision cross-type points)	9 AF points (w/ 6 invisible AF Assist points)	19 cross-type AF points	9 cross-type AF points
Shooting Speed (Maximum)	5.0 fps, 3.0 fps	10.0 fps, 3.0 fps	3.9 fps	8 fps, 3.0 fps	6.3 fps, 3.0 fps
Burst Rate (Maximum)	56 consecutive frames (12 RAW)	85 consecutive frames (26 RAW) UDMA: 121 consecutive frames (28 RAW)	78 consecutive frames (13 RAW)	CF: 94 consecutive frames UDMA Cf: 126 consecutive frames (15 RAW)	CF: 60 consecutive frames UDMA Cf: 90 consecutive frames (16 RAW)
Shutter Speeds/Durability	30–1/8000 sec., X-sync at 1/250 sec. / 300,000 cycles	30–1/8000 sec., X-sync at 1/300 sec. / 300,000 cycles	30–1/8000 sec., X-sync at 1/200 sec. / 150,000 cycles	30–1/8000 sec., X-sync at 1/250 sec. / 150,000 cycles	30–1/8000 sec., X-sync at 1/250 sec. / 100,000 cycles
Metering System	63-zone Evaluative metering, 8.5% Partial metering, 2.4% Center spot metering, 2.4% Spot metering (linked to user-selected focusing point), Multi-spot metering (up to 8 spot readings), Center-weighted average metering, Pre-flash metering (E-TTL II)	63-zone Evaluative metering, 13.5% Partial metering, 3.8% Center spot metering, 3.8% Spot metering (linked to user-selected focusing point), Multi-spot metering (up to 8 spot readings), Center-weighted average metering, Pre-flash metering (E-TTL II)	35-zone Evaluative metering, 8% Partial metering, 3.5% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II)	63-zone Evaluative metering, approx. 9.4% Partial metering, approx. 2.3% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II)	35-zone Evaluative metering, 9% Partial metering, 3.8% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II)
Exposure Compensation	+3 stops in 1/3-stop or 1/2-stop increments	+3 stops in 1/3-stop or 1/2-stop increments	+2 stops in 1/3-stop or 1/2-stop increments	+5 stops in 1/3-stop or 1/2-stop increments	+2 stops in 1/3-stop or 1/2-stop increments
Built-in Flash	No	No	No	Yes	Yes
PC Socket for Studio Strobes	Yes	Yes	Yes	Yes	Yes
Viewfinder Coverage	Approx. 100%	Approx. 100%	Approx. 98%	Approx. 100%	Approx. 95%
Focusing Screens	Interchangeable (Ec series; twelve available)	Interchangeable (Ec series; twelve available)	Interchangeable (Eg series; three available)	Intelligent Viewfinder with adaptable LCD overlay	Interchangeable (Ef series; three available)
LCD Monitor	3.0" approx. 230,000 dot	3.0" approx. 920,000 dot	3.0" approx. 920,000 dot	3.0" approx. 920,000 dot	3.0" approx. 920,000 dot
Live View Function	Yes	Yes	Yes	Yes	Yes
Magnified Image Playback	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x
White Balance	Auto, 6 presets, Custom, *Kelvin (2,500–10,000K)	Auto, 6 presets, Custom, *Kelvin (2,500–10,000K)	Auto, 6 presets, Custom, *Kelvin (2,500–10,000K)	Auto, 6 presets, Custom, *Kelvin (2,500–10,000K)	Auto, 6 presets, Custom, *Kelvin (2,500–10,000K)
Color Space	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB
Body Materials, Exterior	Magnesium alloy	Magnesium alloy	Magnesium alloy	Magnesium alloy	Magnesium alloy
Chassis Construction	Die-cast magnesium alloy	Die-cast magnesium alloy	Stainless steel and polycarbonate	Stainless steel and polycarbonate	Stainless steel and polycarbonate
Weather-resistant Sealing	Yes	Yes	Limited	Limited	Limited
Body Dimensions (W x H x D)	6.1 x 6.3 x 3.1 in./156 x 159.6 x 79.9mm	6.1 x 6.2 x 3.1 in./156 x 156.6 x 79.9mm	6.0 x 4.5 x 3.0 in./152 x 113.5 x 75mm	5.83 x 4.36 x 2.9 in./148.2 x 110.7 x 73.5mm	5.7 x 4.2 x 2.9 in./145 x 107.8 x 73.5mm
Weight (w/o battery, lens, CF and/or SD)	42.5 oz./1,205g	41.6 oz./1,180g	28.6 oz./810g	28.9 oz./820g	25.7 oz./730g

* Standard output ISO sensitivity. Recommended exposure index.
† Only the center point is cross type.

EOS SPECIFICATION CHART

	EOS Rebel T2i	EOS Rebel T1i	EOS Rebel XS
			
Autofocus System	9-point TTL-CT-SIR [†] AF CMOS Sensor; One-Shot and AI Servo AF with Focus Prediction; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual focus point selection	9-point CT-SIR [†] Type CMOS Sensor; One-Shot & AI Servo AF w/Focus Prediction; Manual focusing confirmation possible w/ EF & EF-S lenses; Automatic or manual focus point selection	7-point CT-SIR [†] Type CMOS Sensor; One-Shot & AI Servo AF w/Focus Prediction; Manual focusing confirmation possible w/ EF & EF-S lenses; Automatic or manual focus point selection
Resolution (Effective Pixels)/ Pixel Size	18.0 Megapixels / 4.3 µm	15.1 Megapixels / 4.7 µm	10.1 Megapixels / 5.7 µm
Resolution (Recording Pixels)	5,184 x 3,456 (Large/RAW), 3,456 x 2,304 (Medium), 2,592 x 1,728 (Small)	4,752 x 3,168 (Large/RAW), 3,456 x 2,304 (Medium), 2,352 x 1,568 (Small)	3,888 x 2,592 (Large/RAW), 2,816 x 1,880 (Medium), 1,936 x 1,288 (Small)
Image Processor/ Image Sensor	DIGIC 4 / 22.3 x 14.9mm, Single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning	DIGIC 4 / 22.3 x 14.9mm, Single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning	DIGIC III / 22.2 x 14.8mm, Single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning
Lens Conversion Factor	1.6x	1.6x	1.6x
ISO Range*	ISO 100–6,400, ISO 12,800 via Custom Function	ISO 100–3,200, ISO 6,400 and 12,800 via Custom Function	ISO 100–1,600
Safety Shift via ISO	Yes	No	No
Auto ISO in Full Auto Mode	Yes (possible in all modes)	Yes (possible in all modes)	Yes (possible in all modes)
Imaging Type	RAW, RAW+JPEG, JPEG	RAW, RAW+JPEG, JPEG	RAW, RAW+JPEG, JPEG
Recording Media	SD/SDHC/SDXC Memory Card	SD/SDHC memory card	SD/SDHC memory card
Interface to Computer	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed
Autofocus	9 AF points	9 AF points	7 AF points
Shooting Speed (Maximum)	3.7 fps	3.4 fps	3.0 fps
Burst Rate (Maximum)	Approx. 34 consecutive frames (Approx. 6 RAW)	Approx. 170 consecutive frames (Approx. 9 RAW)	Approx. 514 consecutive frames (4 RAW)
Shutter Speeds/Durability	30-1/4,000 sec. & Bulb, X-sync at 1/200 sec.	30–1/4000 sec., X-sync at 1/200 sec.	30–1/4000 sec., X-sync at 1/200 sec.
Metering System	63-zone Evaluative metering, 9% Partial metering, 4% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II)	35-zone Evaluative metering, 9% Partial metering, 4% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II)	35-zone Evaluative metering, 10% Partial metering, Center-weighted average metering, Pre-flash metering (E-TTL II)
Exposure Compensation	±3 stops in 1/3-stop or 1/2-stop increments	±3 stops in 1/3-stop or 1/2-stop increments	±3 stops in 1/3-stop or 1/2-stop increments
Built-in Flash	Yes	Yes	Yes
PC Socket for Studio Strobes	No	No	No
Viewfinder Coverage	Approx. 95% horizontal/vertical at 0.87x	Approx. 100%	Approx. 95%
Focusing Screens	Non-interchangeable	Non-interchangeable	Non-interchangeable
LCD Monitor	3.0" approx. 1,040,000 dots	3.0" approx. 920,000 dot	2.5" approx. 230,000 dot
Live View Function	Yes	Yes	Yes
Magnified Image Playback	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x	Continuous zooming 1.5x–10x
White Balance	Auto, 6 presets, Custom	Auto, 6 presets, Custom	Auto, 6 presets, Custom
Color Space	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB
Body Materials, Exterior	Polycarbonate	Polycarbonate	Polycarbonate
Chassis Construction	Polycarbonate, Stainless steel	Polycarbonate, Stainless steel	Polycarbonate, Stainless steel
Weather-resistant Sealing	No	No	No
Body Dimensions (W x H x D)	5.1 x 3.8 x 3.0 in./128.8 x 97.5 x 75.3mm	5.1 x 3.8 x 2.4 in./128.8 x 97.5 x 61.9mm	4.96 x 3.8 x 2.4 in./126.1 x 97.5 x 61.9mm
Weight (w/o battery, lens, CF and/or SD)	18.7 oz./530g ^{††}	16.9 oz./480g	15.9 oz./450g

* Standard output ISO sensitivity. Recommended exposure index.

† Only the center point is cross type.

†† CIPA standard, includes battery and memory card.

POWERSHOT SPECIFICATION CHART

	PowerShot G11	PowerShot S90	PowerShot SX20 IS	PowerShot SX210 IS	PowerShot SX120 IS
	  	  	  	  	  
Type	Compact digital camera w/built-in flash, 5x Optical & 4x Digital & 20x Combined Zoom	Compact digital still camera w/built-in flash, 3.8x Optical & 4x Digital & 15x Combined Zoom	Compact digital still camera w/built-in flash, 20x Optical & 4x Digital & 80x Combined Zoom	Compact digital still camera w/built-in flash, 14x Optical & 4x Digital & 56x Combined Zoom	Compact digital still camera w/built-in flash, 10x Optical & 4x Digital & 40x Combined Zoom
Image Capture Device	10.0 Megapixel 1/1.7" CCD	10.0 Megapixel 1/1.7" CCD	12.1 Megapixel 1/2.3" CCD	14.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.5" CCD
Resolution (Recording Pixels) Still Image	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Wide), 1824 x 1368 (Low Light), 3648 x 2736 (RAW)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Wide), 1824 x 1368 (Low Light), 3648 x 2736 (RAW)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3840 x 2160 (Widescreen)	4320 x 3240 (Large), 3456 x 2592 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4320 x 2432 (Widescreen), 2144 x 1608 (Low Light)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen)
Resolution (Recording Pixels) Movie	640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	1280 x 720 (HD) at 30 fps 4GB or 29 min. 59 sec., 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	1280 x 720 at 30 fps, 640 x 480 at 30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 29 min. 59 sec. (HD) 60 min. (SD) per clip	640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip
ISO Sensitivity*	Auto, ISO 80/100/200/400/800/1600/3200	Auto, ISO 80 to 3200	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600
Image Quality Modes	JPEG: Normal, Fine; RAW	JPEG: Normal, Fine; RAW	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine
Image Compression	Still Image: JPEG (Exif. 2.2 compliant), RAW (CR2 (Canon original)); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant), RAW (CR2 (Canon original)); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural/Stereo))	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (stereo))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))
HD Movie Support / HDMI Terminal	No/Yes	No/Yes	720 HD/Yes	720 HD/Yes	No/No
Recording Media	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, Eye-Fi card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card
Shooting Modes	Auto; P, Av, Tv, M, C1, C2; Low Light, Quick Shot, Special Scene (Portrait, Landscape, Night Scene, Sports, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap), Stitch Assist, Movie, Continuous (AF approx. 0.7 fps, Normal approx. 1.1 fps)	Auto; P, Av, Tv, M, C, Low Light, Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, Indoor, Night Scene, Color Accent, Color Swap), Night Snapshot, Nostalgic, Stitch Assist, Kids & Pets, Movie, Continuous (AF approx. 0.6 fps, LV approx. 0.6 fps, Normal approx. 0.9 fps)	Auto; P, Av, Tv, M, C; Image: Portrait, Landscape, Sports, Special Scene (Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Indoor, Night Scene, Color Accent, Color Swap), Night Snapshot, Super Macro, Stitch Assist, Movie, Continuous (AF approx. 0.7 fps, LV approx. 0.7 fps, Normal approx. 1.0 fps)	Auto; P, Av, Tv, M, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Special Scene (Smart Shutter, Low Light, Color Accent, Color Swap, Fisheye Effect, Miniature Effect, Beach, Foliage, Snow, Fireworks, Stitch Assist), Movie, Continuous (AF approx. 0.5 fps, Normal approx. 0.7 fps)	Auto; P, Av, Tv, M, Easy; Image: Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, ISO 3200, Night Scene), Indoor, Kids & Pets, Night Snapshot, Movie, Continuous (AF approx. 0.9 fps, Normal approx. 1.3 fps)
My Colors	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Neutral, Sepia, B/W, Custom
Playback Modes	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4-130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4-130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4-130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4-130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast, Easy; Movie: Normal Playback, Slow Motion, Special Playback, Editing, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Category, Transition Effects, Histogram, Index (4-130 thumbnails), Slide Show, Red-eye Correction, Resize, Easy, i-Contrast; Movie: Normal Playback, Special Playback, Auto Rotate, Resume
Interfaces	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Stereo Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Stereo Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Stereo Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Lens	6.1–30.5mm f/2.8–4.5 zoom Optical Image Stabilizer lens (equiv. to 28–140mm in 35mm format)	6.0–22.5mm f/2.0–4.9 zoom Optical Image Stabilizer lens (equiv. to 28–105mm in 35mm format)	5.0–100.0mm f/3.1–5.7 zoom Optical Image Stabilizer lens (equiv. to 28–560mm in 35mm format)	5.0–70mm f/3.1–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–392mm in 35mm format)	6.0–60mm f/2.8–4.3 zoom Optical Image Stabilizer lens (equiv. to 36–360mm in 35mm format)
Shutter Speed	15–1/4000 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M	15–1/3200 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M	15–1/3200 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M	15–1/2500 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M	15–1/2500 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M
Focus Range	Normal AF: 0.4 in./1cm – infinity; Macro AF: 0.4 in. – 1.6 ft./1–50cm (WIDE)	Normal AF: 2.0 in./5cm–infinity (WIDE), 12 in./30m–infinity (TELE); Macro AF: 2.0 in./5cm–1.6 ft./30cm	Normal AF: 1.6 ft./50cm – infinity (WIDE), 3.3 ft./1.0m – infinity (TELE); Macro AF: 3.9 in. – 1.6 ft./10–50cm; Super Macro: 0–3.9 in./0–10cm (WIDE)	Normal AF: 2.0 in./5cm – infinity (WIDE), 3.3 ft./1.0m – infinity (TELE); Macro AF: 2.0 in. – 1.6 ft./5–50cm (WIDE)	Normal AF: 1.6 ft./50cm – infinity; Macro AF: 0.4 in. – 1.6 ft./1–50cm (WIDE)
Light Metering System	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot
Exposure Control	Program AE, Program Shift, Safety Shift, Manual, Auto ISO Shift, i-Contrast; AE lock	Program AE, Program Shift, Safety Shift, Manual, Auto ISO Shift, i-Contrast; AE lock	Program AE, Program Shift, Safety Shift, Manual, Auto ISO Shift, i-Contrast; AE lock	Program AE, Program Shift, Safety Shift, Manual, i-Contrast; AE lock	Program AE, Manual, Program Shift, Safety Shift; AE lock
Exposure Compensation	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments
White Balance Control	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater), Custom 1, Custom 2	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash), Custom	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash), Custom	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom
Viewfinder	Real-image optical zoom viewfinder	No	TFT color electronic viewfinder	No	No
LCD Monitor	2.8" TFT color LCD (Vari-Angle)	3.0" TFT wide color LCD	2.5" TFT color LCD (Vari-Angle)	3.0" TFT color LCD	3.0" TFT color LCD
Print/Share Button	Yes	Yes	Yes	Yes	No
Power Sources	Rechargeable Lithium-ion Battery NB-7L, AC Adapter Kit ACK-DC50	NB-6L, Compact Power Adapter ACK-DC40	4 AA-size Alkaline/Ni-MH Battery NB4-300, Compact Power Adapter CA-PS700	Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30	2 AA-size Alkaline/Ni-MH Battery NB4-300, AC Adapter Kit ACK800
Dimensions (W x H x D)	4.41 x 3.00 x 1.9 in./112.1 x 76.2 x 48.3mm	3.94 x 2.30 x 1.22 in./100.0 x 58.4 x 30.9mm	4.88 x 3.48 x 3.42 in./124.0 x 88.3 x 86.9mm	4.17 x 2.33 x 1.26 in./105.8 x 59.3 x 31.9mm	4.35 x 2.77 x 1.76 in./110.6 x 70.4 x 44.7mm
Weight (including the battery & memory card)	Approx. 14.1 oz./401g	Approx. 6.98 oz./198g	Approx. 22.8 oz./647g	Approx. 7.58 oz./215g	Approx. 10.3 oz./291g

POWERSHOT SPECIFICATION CHART






	PowerShot D10	PowerShot SD4000 IS	PowerShot SD3500 IS	PowerShot SD980 IS	PowerShot SD1400 IS
					
Type	Compact digital still camera w/built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom	Compact digital still camera w/built-in flash, 3.8x Optical zoom & 4.0x Digital & 15x Combined Zoom	Compact digital still camera w/built-in flash, 5x Optical & 4x Digital & 20x Combined Zoom	Compact digital still camera w/built-in flash, 5x Optical & 4x Digital & 20x Combined Zoom	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom
Image Capture Device	12.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CMOS	14.1 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	14.1 Megapixel 1/2.3" CCD
Resolution (Recording Pixels) Still Image	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen)	4320 x 3240 (Large), 3456 x 2592 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4320 x 2432 (Widescreen), 2144 x 1608 (Low Light)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	4320 x 3240 (Large), 3456 x 2592 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4320 x 2432 (Widescreen), 2144 x 1608 (Low Light)
Resolution (Recording Pixels) Movie	640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	1280 x 720 (HD) at 30 fps 4GB or 20 min. 43 sec., 640 x 480 at 30 fps or 43 min. 43 sec. 320 x 240 at 30 fps or 1 hr. 58 min. 19 sec.	1280 x 720 at 30 fps, 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. (10 min. for HD) per clip	1280 x 720 at 30 fps, 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. (10 min. for HD) per clip	1280 x 720 at 30 fps, 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. (10 min. for HD) per clip
ISO Sensitivity*	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 125/200/400/800/1600/3200	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600
Image Quality Modes	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine
Image Compression	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: (Image data: H.264; Audio data: Linear PCM (Stereo))	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))
HD Movie Support / HDMI Terminal	No/No	720 HD/Yes	720 HD/Yes	720 HD/Yes	720 HD/Yes
Recording Media	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, Eye-Fi card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card
Shooting Modes	Auto, P, Special Scene (Portrait, Landscape, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap, Stitch Assist), Movie, Continuous (approx. 1.1 fps)	Auto, P, Av, Tv, Portrait, Night Snapshot, Kids & Pets, Indoor, Smart Shutter, High-Speed Burst, Low Light, Color Accent, Color Swap, Fisheye Effect, Miniature Effect, Beach, Foliage, Snow, Fireworks, Stitch Assist, Movie, Continuous (Normal approx. 3.7 fps [†] , Low Light approx. 6.0 fps [†] , High-Speed Burst approx. 8.4 fps ^{††})	Auto, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Smart Shutter, Low Light, Color Accent, Color Swap, Fisheye Effect, Miniature Effect, Creative Light Effect, Beach, Foliage, Snow, Fireworks, Long Shutter, Movie, Continuous (approx. 0.7 fps)	Auto, P, Portrait, Foliage, Snow, Beach, Sunset, Creative Light Effect, Fireworks, Aquarium, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie, Continuous (approx. 0.8 fps)	Auto, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Smart Shutter, Low Light, Color Accent, Color Swap, Fisheye Effect, Miniature Effect, Beach, Underwater, Foliage, Snow, Fireworks, Long Shutter, Stitch Assist, Movie, Continuous (approx. 0.7 fps)
My Colors	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	My Colors Off, Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom
Playback Modes	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Image Inspection Tool, i-Contrast; Movie: Normal Playback, Special Playback, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Shuffle, Filtered Playback, Transition Effects, Slideshow, Focus Check, Histogram, Index (4–130 thumbnails), Red-eye Correction, Resize, Overexposure, Trimming, i-Contrast, Movie: Normal Playback, Slow Motion, Special Playback, Editing, Resume	Still Image: Single, Magnification (approx. 2x–10x), Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast, Movie: Normal Playback, Special Playback, Editing, Resume	Still Image: Single, Magnification (approx. 2x–10x), Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast, Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–100 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming, i-Contrast, Movie: Normal Playback, Special Playback, Editing, Resume
Interfaces	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Stereo Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Lens	6.2–18.6mm f/2.8–4.9 zoom Optical Image Stabilizer lens (equiv. to 35–105mm in 35mm format)	4.9–18.6mm f/2.0–f/5.3 zoom Optical Image Stabilizer lens (equiv. to 28–105mm in 35mm format)	4.3–21.5mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 24–120mm in 35mm format)	4.3–21.5mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 24–120mm in 35mm format)	5.0–20.0mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–112mm in 35mm format)
Shutter Speed	15–1/1500 sec.; Noise Reduction available when manually set at 1.3–15 sec.	15–1/2500 sec.	15–1/3000 sec.; Noise Reduction when manually set at 1.3–15 sec.	15–1/3000 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.	15–1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.
Focus Range	Normal AF: 1.0 ft./30cm–infinity; Macro AF: 1.2 in.–1.6 ft./3–50cm (WIDE), 1.0–1.6 ft./30–50cm (TELE)	Normal AF: 1.2 in. (3cm) – infinity (W), 12 in. (30cm) – infinity (T); Macro AF: 1.2 in. – 1.6 ft. (3–50cm) (W), 12 in. – 1.6 ft. (30–50cm) (T)	Normal AF: 2.0 in./5cm–infinity; Macro AF: 2.0 in. – 1.6 ft./5–50cm (WIDE), Digital Macro: 2.0–3.9 in./5–10cm (WIDE)	Normal AF: 1.6 ft./50cm–infinity; Macro AF: 2.0 in.–1.6 ft./5–50cm (WIDE); Digital Macro: 2.0–3.9 in./5–10cm (WIDE)	Normal AF: 1.2 in./3cm–infinity; Macro AF: 1.2 in.–1.6 ft./3–50cm
Light Metering System	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot
Exposure Control	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE Lock	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock
Exposure Compensation	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments
White Balance Control	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Viewfinder	No	No	No	No	No
LCD Monitor	2.5" TFT color LCD	3.0" TFT color LCD	3.5" TFT color touch panel LCD	3.0" TFT color touch panel LCD	2.7" TFT color LCD
Print/Share Button	Yes	No	No	No	No
Power Sources	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10
Dimensions (W x H x D)	4.08 x 2.63 x 1.92 in./103.6 x 66.9 x 48.8mm	3.94 x 2.13 x 0.93 in./100.0 x 54.1 x 23.6 mm	3.91 x 2.20 x 0.87 in./99.3 x 55.7 x 22.0mm	3.93 x 2.10 x 0.9 in./99.9 x 53.4 x 22.9mm	3.63 x 2.21 x 0.70 in./92.2 x 56.1 x 17.8mm
Weight (including the battery & memory card)	Approx. 7.48 oz./212g	Approx. 6.17 oz./175 g	Approx. 5.64 oz./160g	Approx. 5.36 oz./152g	Approx. 4.69 oz./133g

File Format for all PowerShot cameras: Design rule for Camera File System 1.0, DPOF Ver. 1.1 (Digital Print Order Format)
* Standard output sensitivity. Recommended exposure index.

† Depending on the shooting conditions, the camera settings and the zoom position, the shooting speed may slow down.
As the number of images increases, the shooting speed may slow down.

†† Depending on the shooting conditions, camera settings and the zoom position, the shooting speed may slow down.
As the number of images increases, the shooting interval may take longer.

POWERSHOT SPECIFICATION CHART

	PowerShot SD940 IS	PowerShot SD1300 IS	PowerShot A3100 IS/A3000 IS		PowerShot A495/A490
					
Type	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom		Compact digital still camera w/built-in flash, 3.3x Optical & 4x Digital & 13x Combined Zoom
Image Capture Device	12.1 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD
Resolution (Recording Pixels)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen), 1600 x 1200 (Low Light)	4000x3000(Large), 3264x2448 (Medium 1), 2592x1944 (Medium 2), 1600x1200 (Medium 3), 640x480 (Small), 4000x2248 (Widescreen), 1600x1200 (Low Light)	3648x2736 (Large), 2816x2112 (Medium 1), 2272x1704 (Medium 2), 1600x1200 (Medium 3), 640x480 (Small), 3648x2048 (Widescreen), 1600x1200 (Low Light)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen), 1600 x 1200 (Low Light)
Resolution (Recording Pixels) Movie	1280 x 720 at 30 fps, 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. (10min. for HD) per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip		640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip
ISO Sensitivity*	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600
Image Quality Modes	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine		JPEG: Normal, Fine
Image Compression	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))		Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))
HD Movie Support / HDMI Terminal	720 HD/Yes	No/No	No/No		No/No
Recording Media	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card		SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card
Shooting Modes	Auto, P, Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 0.8 fps)	Auto, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Low Light, Face Detection Self-timer, Beach, Underwater, Foliage, Snow, Fireworks, Long Shutter, Movie. Continuous (approx. 0.9 fps)	Auto, P, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Scene (Face Detection Self-timer, Low Light, Super Vivid, Poster Effect, Beach, Foliage, Snow, Fireworks, Long Shutter), Movie. Continuous (approx. 0.8 fps)		Auto, P, Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Low Light, Low Light, Super Vivid, Poster Effect, Beach, Foliage, Snow, Fireworks, Long Shutter), Movie. Continuous (approx. 0.9 fps)
My Colors	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Neutral, Sepia, B/W, Custom	Vivid, Neutral, Sepia, B/W, Custom		Vivid, Neutral, Sepia, B/W, Custom
Playback Modes	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming; i-Contrast, Movie: Normal Playback, Special Playback, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, i-Contrast, Movie: Normal Playback, Special Playback, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Focus Check, Overexposure Warning, Easy; Movie: Normal Playback, Auto Rotate, Resume, Easy, Edit (A3100 IS only)		Still Image: Single, Magnification (approx. 2x–10x), Jump, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Focus Check, Overexposure Warning; Movie: Normal Playback, Resume
Interfaces	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers		USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Lens	5.0–20mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–112mm in 35mm format)	5.0–20.0mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–112mm in 35mm format)	6.2–24.8mm f/2.7–5.6 zoom Optical Image Stabilizer lens (equiv. to 35–140mm in 35mm format)		6.6–21.6mm f/3.0–5.8 zoom lens (equiv. to 37–122mm in 35mm format)
Shutter Speed	15–1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.	15–1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.	15–1/1600 sec.; Noise Reduction available when manually set at 1.3–15 sec.		15–1/2000 sec.; Noise Reduction available when manually set at 1.3–15 sec.
Focus Range	Normal AF: 1.0 ft./30cm–infinity (W), 1.6 ft./50cm–infinity (T); Macro AF: 1.2 in.–1.6 ft./3–50cm (WIDE); Digital Macro: 1.2–3.9 in./3–10cm (WIDE)	Normal AF: 1.2 in./3cm–infinity; Macro AF: 1.2 in.–1.6 ft./3–50cm (WIDE), 1.6 ft./50cm–infinity (TELE)	Normal AF: 1.2 in./3cm–infinity; Macro AF: 1.2 in.–2.0 ft./3–60cm (WIDE), 12 in.–2.0 ft./30–60cm (TELE)		Normal AF: 2.0 in./5cm–infinity; Macro AF: 0.4 in.–1.6 ft./1–50cm (WIDE), 9.8 in.–1.6 ft./25–50cm (TELE)
Light Metering System	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot		Evaluative, Center-weighted average, Spot
Exposure Control	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock		Program AE, i-Contrast; AE lock
Exposure Compensation	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments		±2 stops in 1/3-stop increments
White Balance Control	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom		Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Viewfinder	No	No	No		No
LCD Monitor	2.7" TFT color LCD	2.7" TFT color LCD	2.7" TFT color LCD		2.5" TFT color LCD
Print/Share Button	No	No	No		No
Power Sources	Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-8L, AC Adapter Kit ACK-DC60		2 AA-size Alkaline/Ni-MH Battery NB3-AH, AC Adapter Kit ACK800
Dimensions (W x H x D)	3.52 x 2.16 x 0.79 in./89.5 x 54.9 x 20.0mm	3.56 x 2.20 x 0.83 in./90.5 x 55.8 x 21.2mm	3.83 x 2.29 x 1.11 in./97.2 x 58.2 x 28.1mm		3.68 x 2.43 x 1.20 in./93.5 x 61.7 x 30.6mm
Weight (including the battery & memory card)	Approx. 4.94 oz./140g	Approx. 4.94 oz./140g	Approx. 5.47 oz./155g		Approx. 6.17 oz./175g

* Standard output sensitivity. Recommended exposure index.
File Format for all PowerShot cameras: Design rule for Camera File System 1.0, DPOF Ver. 1.1 (Digital Print Order Format)



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